

## Recombinant Human LCP2 Protein

| Catalog #                 | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Reactivity | Applications        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------|
| CRP1884                   | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | H          | E, WB, SDS-PAGE, MS |
| <b>Description</b>        | Recombinant Human LCP2 Protein is produced by E. coli expression system and the target gene encoding Met1-Pro533 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            |                     |
| <b>Form</b>               | Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 200mM NaCl, 20% Glycerol, pH8.5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                     |
| <b>Gene Symbol</b>        | LCP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |                     |
| <b>Alternative Names</b>  | Lymphocyte cytosolic protein 2; SH2 domain-containing leukocyte protein of 76 kDa; SLP-76 tyrosine phosphoprotein; SLP76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                     |
| <b>Entrez Gene</b>        | 3937 (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |                     |
| <b>SwissProt</b>          | Q13094 (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |                     |
| <b>Purity</b>             | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |                     |
| <b>Chemical Structure</b> | <p>MASMTGGQQM GRGSMALRNV PFRSEVLGWD PDSLADYFKK LNYKDCEKAV</p> <p>KKYHIDGARF LNLTENDIQK FPKLRVPILS KLSQEINKNE ERRSIFTRKP QVPRFPEETE</p> <p>SHEEDNGGWS SFEEDDYESP NDDQDGEDDG DYESPNEEEE APVEDDADYE PPPSNDEEAL</p> <p>QNSILPAKPF PNSNSMYIDR PPSGKTPQQP PVPPQRPMAA LPPPPAGRNH SPLPPPQTNH</p> <p>EEPSRSRNHK TAKLPAPSID RSTKPPLDRS LAPFDREPFT LGKKPPFSDK PSIPAGRSLG</p> <p>EHLPKIQKPP LPPTTERHER SSPLPGKKPP VPKHGWGPDR RENDEDDVHQ RPLPQPALLP</p> <p>MSSNTFPSRS TKPSPMNPLP SSHMPGAFSE SNSSFPQSAS LPPYFSQGGS NRPPIRAEGR</p> <p>NFPLPLPNKP RPPSPAEEN SLNEEWYVSY ITRPEAEAAL RKINQDGTFL VRDSSKTTT</p> <p>NPYVLMVLYK DKVYNIQIRY QKESQVYLLG TGLRGKEDFL SVSDIIDYFR KMPLLLIDGK</p> <p>NRGSRYQCTL THAAGYPLEH HHHHH</p> |            |                     |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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## Product Data Sheet

|                           |                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality Control</b>    | Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.                                                                                                                                                               |
| <b>Directions for Use</b> | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| <b>Storage/Stability</b>  | Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                   |

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