

Product Data Sheet

Recombinant Human CSNK1G2 Protein

Catalog #	Source	Reactivity	Applications
CRP1366	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human CSNK1G2 Protein is produced by E. coli expression system and the target gene encoding Met18-Lys415 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 500mM NaCl, 10% Glycerol, 1mM DTT, pH 8.0.		
Gene Symbol	CSNK1G2		
Alternative Names	CK1G2; Casein kinase I isoform gamma-2; CKI-gamma 2		
Entrez Gene	1455 (Human)		
SwissProt	P78368 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MSKAGGGRSS HGIRSSGTSS GVLMVGPNFR VGKKIGCGNF GELRLGKNLY TNEYVAIKLE PIKSRAPQLH LEYRFYKQLS ATEGVPQVYY FGPCGKYNAM VLELLGPSLE DLFDLCDRTF TLKTVLMIAI QLITRMEYVH TKSLIYRDVK PENFLVGRPG TKRQHAIHII DFGLAKEYID PETKKHIPYR EHKSLTG TAR YMSINTHLGK EQSRRDDLEA LGHMFMYFLR GSLPWQGLKA DTLKERYQKI GDTKRATPIE VLCENFPEEM ATYLRVRRRL DFEKPDYDY LRKLFTDLFD RSGFVFDYDY DWAGKPLPTP IGTVHTDLPS QPQLRDKTQP HSKNQALNST NGELNADDPT AGHNSAPITA PAEVEVADET KCCCFKRRK RKSLQRHK		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	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		

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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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

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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