

Product Data Sheet

Recombinant Human LMCD1 Protein

Catalog #	Source	Reactivity	Applications
CRP1909	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human LMCD1 Protein is produced by E. coli expression system and the target gene encoding Met1-Ser365 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	LMCD1		
Alternative Names	LIM and cysteine-rich domains protein 1; Dyxin		
Entrez Gene	29995 (Human)		
SwissProt	Q9NZU5 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MAKVAKDLNP GVKKMSLGQL QSARGVACLG CKGTCSGFEP HSWRKICKSC KCSQEDHCLT SDLEDDRKIG RLLMDSKYST LTARVKGGDG IRIYKRNRMI MTNPATGKD PTFDTITYEW APPGVTQKLQ LQYMELIPKE KQPVTGTEGA FYRRRQLMHQ LPIYDQDPSR CRGLENELK LMEEFVKQYK SEALGVGEVA LPGQGGLPKE EGKQQEKPEG AETTAATTNG SLSDPSKEVE YVCELCKGAA PPDSPVVYSD RAGYNKQWHP TCFVCAKCSE PLVDLIYFWK DGAPWCGRHY CESLRPRCSG CDEIIFAEDY QRVEDLAWHR KHFVCEGCEQ LLSGRAYIVT KGQLLCPTCS KSKRSLEHHH HHH		
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 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		
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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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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