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32-4422: Recombinant Human PDZ And LIM Domain 1

Alternative Name :	PDZ And LIM Domain Protein 1,Carboxyl Terminal LIM Domain Protein 1,Epididymis Secretory Protein Li 112m,C-Terminal LIM Domain Protein 1,LIM Domain Protein CLP-36,hCLIM1,HEL-S-112,CLP-36,Elfin.

Description

Source : Escherichia Coli. PDLIM1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 354 amino acids (1-329) and having a molecular mass of 38.7 kDa. PDLIM1 is fused to a 25 amino acid His-tag at N-terminus. PDLIM1, a cytoplasmic protein linked to the cytoskeleton, belongs to the enigma protein family. PDLIM1 holds two protein interacting domains - PDZ domain at the amino terminal end and one to three LIM domains at the carboxyl terminal. PDLIM1 enables bringing other LIM interacting proteins to the cytoskeleton. Pseudogenes related to PDLIM1 are situated on chromosomes 3, 14 and 17.

Product Info

Amount :	25 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The PDLIM1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT, 2mM EDTA and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSEFMTTQQ IDLQGPGPWG FRLVGGKDFE QPLAISRVTP GSKAALANLC IGDVITAIDG ENTSNMTHLE AQNRIKGCTD NLTLTVARSE HKVWSPLVTE EGKRHPYKMN LASEPQEVLH IGSAHNRSAM PFTASPASST TARVITNQYN NPAGLYSSEN ISNFNNALES KTAASGVEAN SRPLDHAQPP SSLVIDKESE VYKMLQEKQE LNEPPKQSTS FLVLQEILES EEKGDPNKPS GFRSVKAPVT KVAASIGNAQ KLPMCDKCGT GIVGVFVKLR DRHRHPECYV CTDCGTNLKQ KGHFFVEDQI YCEKHARERV TPPEGYEVVT VFPK

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