

**PDLIM1, 1-329aa, Human, His tag, E.coli**

**Cat.NO.: TP03334**

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3th Edition

**Synonyms:**PDZ and LIM domain protein 1, CLIM1, CLP-36, CLP36, Hclim1

**Description:**PDLIM1 is a member of the enigma protein family. The protein contains two protein interacting domains, a PDZ domain at the amino terminal end and one to three LIM domains at the carboxyl terminal. It is a cytoplasmic protein associated with the cytoskeleton. The protein may function as an adapter to bring other LIM-interacting proteins to the cytoskeleton. Pseudogenes associated with this gene are located on chromosomes 3, 14 and 17. Recombinant human PDLIM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl, 10% glycerol, 1mM DTT, 2mM EDTA

**Molecular Weight:**38.7 kDa (354aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSEFMTTQQIDLQGGPWGFRLVGGKDFEQPLAISRVTPGSKAALANLCIGDVI  
TAIDGENTSNMTHLEAQNRIKGCTDNLTLTVARSEHKVWSPLVTEEGKRHPYKMNLASEPQEV LHIGSAHNRSAMP  
FTASPASSTTARVITNQYNNPAGLYSSENISNFNNALESKTAASGVEANSRPLDHAQPPSSLVIDKESEVYKMLQEK  
QELNEPPKQSTSFLVLQEILESEEKGDPNKPSGFRSVKAPVTKVAASIGNAQKLPMDCKCGTGIVGVFVKLRDRHR  
HPECYVCTDCGTNLKQKGFHFFVEDQIYCEKHARERVTPPEGYEVVTVFPK

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.