



Recombinant Human PDZ and LIM domain protein 5 (PDLIM5)

Product Code	CSB-EP822223HU
Abbreviation	PDLIM5
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96HC4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SNYSVSLVG PAPWGFRLQG GKDFNMPLTI SSLKDGGKAA QANVRIGDVV LSIDGINAQQ MTHLEAQNKI KGCTGSLNMT LQRASAAPKP EPVPVQKGEF KEVVKVPVIT SPAVSKVTST NNMAYNKAPR PFGSVSSPKV TSIPSPSSAF TPAHATTSSH ASPSPVAAVT PPLFAASGLH ANANLSADQS PSALSAGKTA VNVPRQPTVT SVCSETSQEL AEGQRRGSQG DSKQQNGPPR KHIVERYTEF YHVPTSDAS KKRLIEDTED WRPRTGTTQS RSFRILAQIT GTEHLKESEA DNTKKANNSQ EPSPQLASSV ASTRSMPEL DSPTSGRPGV TSLTAAAFK PVGSTGVIKS PSWQRPNQGV PSTGRISNSA TYSGSVAPAN SALGQTQPSD QDTLVQRAEH IPAGKRTPMC AHCNQVIRGP FLVALGKSWH PEEFNCAHCK NTMAYIGFVE EKGALYCELC YEKFFAPECG RCQRKILGEV ISALKQTWHV SCFVVCACGK PIRNNVFHLE DGEPYCETDY YALFGTICHG CEFPIEAGDM FLEALGYTWH DTCFVCSVCC ESLEGQTFES KKDKPLCKKH AHSVNF
Source	E.coli
Target Names	PDLIM5
Protein Names	Recommended name: PDZ and LIM domain protein 5 Alternative name(s): Enigma homolog Enigma-like PDZ and LIM domains protein
Expression Region	2-596
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a LIM domain protein. LIM domains are cysteine-rich double zinc fingers composed of 50 to 60 amino acids that are involved in protein-protein interactions. LIM domain-containing proteins are scaffolds for the formation of multiprotein complexes. The proteins are involved in cytoskeleton organization, cell lineage specification, organ development, and oncogenesis. The encoded protein is also a member of the Enigma class of proteins, a family of proteins



that possess a 100-amino acid PDZ domain in the N terminus and 1 to 3 LIM domains in the C terminus. Multiple transcript variants encoding different isoforms have been found for this gene, although not all of them have been fully characterized.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.