



Recombinant Human PDZ and LIM domain protein 3 (PDLIM3)

Product Code	CSB-EP690477HU-B
Abbreviation	PDLIM3
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.	Q53GG5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPQTVILPGP APWGFRLSGG IDFNQPLVIT RITPGSKAAA ANLCPGDVIL AIDGFGTESM THADAQDRIK AAAHQLCLKI DRGETHLWSP QVSEDGKAHP FKINLESEPQ DGNFYFEHKHN IRPKPFVIPG RSSGCSTPSG IDCGSGRSTP SSVSTVSTIC PGDLKVAACL APNIPEMEL PGVKIVHAQF NTPMQLYSDD NIMETLQGQV STALGETPLM SEPTASVPPE SDVYRMLHDN RNEPTQPRQS GSFRVLQGMV DDGSDDRPAG TRSVRAPVTK VHGGSSGGAQR MPLCDKCGSG IVGAVVKARD KYRHPECFVC ADCNLNLKQK GYFFIEGELY CETHARARTK PPEGYDTVTL YPKA
Source	E.coli
Target Names	PDLIM3
Protein Names	Recommended name: PDZ and LIM domain protein 3 Alternative name(s): Actinin-associated LIM protein Alpha-actinin-2-associated LIM protein
Expression Region	1-364
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 protein
Target Details	This protein contains a PDZ domain and a LIM domain, indicating that it may be involved in cytoskeletal assembly. In support of this, the encoded protein has been shown to bind the spectrin-like repeats of alpha-actinin-2 and to colocalize with alpha-actinin-2 at the Z lines of skeletal muscle. This gene is found near a region of chromosome 4 that has been implicated in facioscapulohumeral muscular dystrophy, but this gene does not appear to be involved in the disease. Two transcript variants encoding different isoforms have been found for this gene.
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

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