
Product Data Sheet

Product Name: PDLIM1 Human
 Cat. No.: GP24153
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMTTQQ IDLQGPWPWG FRLVGGKDFE QPLAISRVTP GSKAALANLC IGDVITAIDG ENTSNMTHLE AQNRIKGCTD NLTLTVARSE HKVWSPLVTE EGKRHPYKMN LASEPQEV LH IGSAHNRSAM PFTASPASST TARVITNQYN NPAGLYSSEN ISNFNNALES KTAASGVEAN SRPLDHAQPP SSLVIDKESE VYKMLQEKQE LNEPPKQSTS FLVLQEILES EEKGDPNKPS GFRSVKAPVT KVAASIGNAQ KLPMCDKCGT GIVGVFVKLR DRHRHPECYV CTDCGTNLKQ KGHFFVEDQI YCEKHARERV TPPEGYEVVT VFVK		
Formulation	The PDLIM1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT, 2mM EDTA and 10% glycerol.		

Introduction

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.

Stability

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

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.

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