

Recombinant Human PDLIM2, His-tagged

Cat. No. PDLIM2-29566TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 188-352 of Human PDLIM2 with N terminal His tag; 165 amino acids, 22kDa.
Species	Human
Source	E.coli
ProteinLength	188-352 a.a.
Description	This gene encodes a member of the ALP subfamily of PDZ-LIM domain proteins. The encoded protein suppresses anchorage-dependent growth and promotes cell migration and adhesion through interactions with the actin cytoskeleton via the PDZ domain. The encoded protein is also a putative tumor suppressor protein, and decreased expression of this gene is associated with several malignancies including breast cancer and adult T-cell leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 126 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids DSAVLVLPSPGPRSSRPSMDSEGGSLLLDEDESEVFKMLQ ENREGRAAPRQSSSF RLLQEALEAEERGGTPAFLPSSL SPQSSLPASRALATPPKLHTCEKSTSIANQAVRI QEGRYRHPGCYTCADCGLNLKMRGHFWVGDELYCEKHARQRYS APATLSSRA

Sequence Similarities Contains 1 LIM zinc-binding domain.Contains 1 PDZ (DHR) domain.

GENE INFORMATION

Gene Name	PDLIM2 PDZ and LIM domain 2 (mystique) [Homo sapiens]
Official Symbol	PDLIM2
Synonyms	PDLIM2; PDZ and LIM domain 2 (mystique); PDZ and LIM domain protein 2;
Gene ID	64236
mRNA Refseq	NM_021630
Protein Refseq	NP_067643
MIM	609722
Uniprot ID	Q96JY6
Chromosome Location	8p21.3
Function	metal ion binding; zinc ion binding;

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