

Recombinant Human PDLIM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDLIM2-5379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDLIM2 MS Standard C13 and N15-labeled recombinant protein (NP_789847) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	39 kDa
AA Sequence	MALTVDVAGPAPWGFRTTGGGRDFHTPIPVTKVAERGGKAKDADLRPGDIIVAINGESAEGLHAEAAQSKIRQSPSPRLRLQLDRSQATSPGQTNGDSSLEVLATRFQGSVRYTE SQSSLRSSYSPTSLSPRAGSPFSPPPSSSSLTGEAAISRQSLACSPGLPAADR SYSGRPGSRQAGLGRAGDSAVLVLPSPGPRSSRPSMDSEGGSLLLDEDSEVFKM LQENREGRAAPRQSSSFRLQEALEAEERGGTPAFLPSSLSPQSSLPASRALATPP KLHTCEKCSSTIANQAVRIQEGRYRHPGCYTCADCGLNLKMRGHFWEDACAMEGM

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	RLSLEALEGMVEGAKRRDRRKTRRPIQPSWTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PDLIM2 PDZ and LIM domain 2 [Homo sapiens (human)]
Official Symbol	PDLIM2
Synonyms	PDLIM2; PDZ and LIM domain 2 (mystique); PDZ and LIM domain protein 2; SLIM; MYSTIQUE; FLJ34715;
Gene ID	64236
mRNA Refseq	NM_176871
Protein Refseq	NP_789847
MIM	609722

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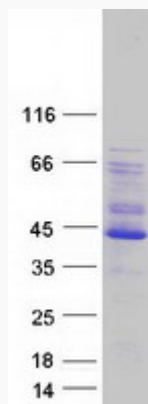
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UniProt ID

Q96JY6

SDS-PAGE

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