

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

MALTVDVAGPAPWGFRTGGDFHTPIMVTKVAERGKAKDADLRPGDIIVAINGESA
EGMLHAEAQSKIRQSPSPLRLQLDRSQATSPGQTNGDSSLEVLATRFQGSVRYTE
SQSSLRSSYSPTSLSPRAGSPFSPPPSSSSLTGEEAISRSFQSLACSPGLPAADR
SYSGRPGSRQAGLGRAGDSAVLVLPSPGPRSSRPSMDSEGGSLLLDEDSEVFKM
LQENREGRAAPRQSSSFRLQEALEAEEERGTPAFLPSSLSPQSSLPASRALATPP
KLHTCEKCSTSIANQAVRIQEGRYRHPGCYTCADCGLNLKMRGHFWEDACAMEGM

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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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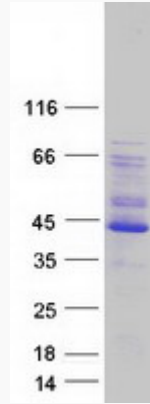
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UniProt ID

Q96JY6

SDS-PAGE



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