

Product datasheet for **TP319644**

PDLIM2 (NM_176871) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Homo sapiens PDZ and LIM domain 2 (mystique) (PDLIM2), transcript variant 1, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC219644 representing NM_176871
Red=Cloning site **Green**=Tags(s)

MALTVDVAGPAPWGFRTGGGRDFHTPIMVTKVAERGGKAKDADLRPGDIIVAINGESAEGMLHAEAQSKIR
QSPSPLRLQLDRSQATSPGQTNGDSSLEVLATRFQGSVRITYESQSSLRSSYSPTSLSPRAGSPFSPPP
SSSLTGEAAISRFSQSLACSPGLPAADRLSYSGRPGSRQAGLGRAGDSAVLVLPPSPGPRSSRPSMDSE
GGSLLLDEDESEVFKMLQENREGRAAPRQSSSFRLLQEALAEERGGTPAFLPSSLSPQSSLPASRALATP
PKLHTCEKCSTSIANQAVRIQEGRYRHPGCYTCADCGLNLMRGMHFWEDACAMEGMRLSLEALEGMVEGA
KRRDRRKTRRPIQPSW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 39 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_789847](#)



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Locus ID: 64236

UniProt ID: [Q96JY6](#)

RefSeq Size: 4611

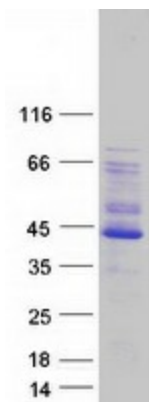
Cytogenetics: 8p21.3

RefSeq ORF: 1098

Synonyms: MYSTIQUE; SLIM

Summary: 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. [provided by RefSeq, Oct 2011]

Product images:



Coomassie blue staining of purified PDLIM2 protein (Cat# TP319644). The protein was produced from HEK293T cells transfected with PDLIM2 cDNA clone (Cat# [RC219644]) using MegaTran 2.0 (Cat# [TT210002]).