

## Product datasheet for TP319644L

### PDLIM2 (NM\_176871) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens PDZ and LIM domain 2 (mystique) (PDLIM2), transcript variant 1, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC219644 representing NM_176871 Red=Cloning site Green=Tags(s)

MALTVDVAGPAPWGFRTGGGRDFHTPIMVTKVAERGGKAKDADLRPGDIIVAINGESAEGMLHAEAQSKIR  
QSPSPLRLQLDRSQATSPGQTNGDSSLEVLATRFQGSVRYTESQSSLRSSYSPTSLSPRAGSPFSPPP  
SSSLTGEAAISRFSQSLACSPGLPAADRLSYSGRPGSRQAGLGRAGDSAVLVLPPSPGPRSSRPSMDSE  
GGSLLLDEDESEVFKMLQENREGRAAPRQSSSFRLLQEALAEERGGTTPAFLPSSLSPQSSLPASRALATP  
PKLHTCEKCSTSIANQAVRIQEGRYRHPGCYTCADCGLNLMRGMHFWEDACAMEGMRLSLEALEGMVEGA  
KRRDRRKRTRPIQPSW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	39 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_789847</a>



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Locus ID: 64236

UniProt ID: [Q96JY6](#)

RefSeq Size: 4611

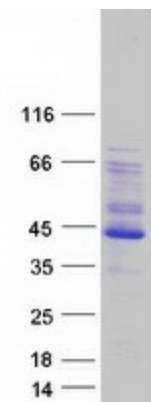
Cytogenetics: 8p21.3

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]).