

Product datasheet for TP310022M

PDLIM2 (NM_021630) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PDZ and LIM domain 2 (mystique) (PDLIM2), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210022 protein sequence Red=Cloning site Green=Tags(s)

MALTVDVAGPAPWGFRTGGGRDFHTPIPMVTKVAERGGKAKDADLRPGDIIVAINGESAEAGMLHAEAQSKIR
QSPSPLRLQLDRSQATSPGQTNGDSSLEVLATRFQGSVRTYTESQSSLRSSYSPTSLSPRAGSPFSPPP
SSSLLTGEAAISRFSQSLACSPGLPAADRLSYSGRPGSRQAGLGRAGDSAVLVLPSPGPRSSRPSMDSE
GGSLLLDEDESEVFKMLQENREGRAAPRQSSFRLLQEALAEERGGTTPAFLPSSLSPQSSLPASRALATP
PKLHTCEKCSTSIANQAVRIQEGRYRHPGCYTCADCGLNLKMRGHFWVGDELYCEKHARQRYAPATLSS
RA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	37.3 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:	<u>NP_067643</u>

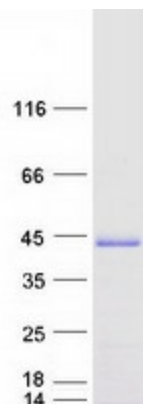


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Locus ID: 64236
UniProt ID: [Q96IY6](#)
RefSeq Size: 2246
Cytogenetics: 8p21.3
RefSeq ORF: 1056
Synonyms: MYSTIQUE; SLIM

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# [TP310022]). The protein was produced from HEK293T cells transfected with PDLIM2 cDNA clone (Cat# [RC210022]) using MegaTran 2.0 (Cat# [TT210002]).