

Product datasheet for PH319644

PDLIM2 (NM_176871) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PDLIM2 MS Standard C13 and N15-labeled recombinant protein (NP_789847)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219644
Predicted MW:	39 kDa
Protein Sequence:	>RC219644 representing NM_176871 Red=Cloning site Green=Tags(s)
	MALTVDVAGPAPWGFRITGGRDFHTPIMVTKVAER GKAKDADLRPGDIIVAINGESAEGMLHAEQSKIR QSPSPLRLQLDRSQATSPGQTNGDSSLEVLATRFQGSVRTYTESQSSLRSSYSPTSLSPRAGSPFSPPP SSSSLTGEAAISRFSQLACSPGLPAADRLSYSGRPGSRQAGLGRAGDSAVLVLPSPGPRSSRPSMDSE GGSLLLDEDESEVFKMLQENREGRAAPRQSSFRLLQEALAEERGGTPAFLPSSLSPOSSLPASRALATP PKLHTCEKCSTSIANQAVRIQEGRYRHPGCYTCADCGLNLKMRGHFWEDACAMEGMRLSLEALEGMVEGA KRRDRRKRTRRPIQPSW
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_789847
RefSeq Size:	4611
RefSeq ORF:	1098
Synonyms:	MYSTIQUE; SLIM
Locus ID:	64236



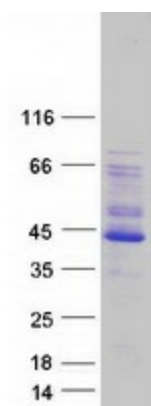
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UniProt ID: [Q96JY6](#)

Cytogenetics: 8p21.3

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]).