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Product datasheet for PH301005

PDLIM7 (NM_005451) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PDLIM7 MS Standard C13 and N15-labeled recombinant protein (NP_005442)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201005
Predicted MW:	49.8 kDa
Protein Sequence:	>RC201005 protein sequence Red=Cloning site Green=Tags(s) MDSFKVVLEGPAPWGFRLQGGKDFNVPLSISRLTPGGKAAQAGVAVGDWVLSIDGENAGSLTHIEAQNKI RACGERLSLGLSRAQPVQSKPQKASAPAADPPRYTFAPSVSLNKTARPFGAPPPADSAPQQNGQPLRPLV PDASKQRLMENTEDWRPRPGTGQSRSFRILAHLTGTEFMQDPDEEHLKKSSQVPRTEAPAPASSTPQEPW PGPTAPSPTSRPPWAVDPAFAERYAPDKTSTVLTRHSQPATPTPLQSRTSIVQAAAGGVPGGGSNNGKTP VCHQCHKVIRGRYLVALGHAYHPEEFVCSQCGKVLEEGGFFEEKGAIFCPPCYDVRYAPSCAKCKKKITG EIMHALKMTWHVHCFTCAACKTPIRNRAFYMEEGVPYCERDYEKMFGTKCHGCDFKIDAGDRFLEALGFS WHDTCFVCAICQINLEGKTFYSKKDRPLCKSHAFSHV SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_005442
RefSeq Size:	1770
RefSeq ORF:	1371
Synonyms:	LMP1; LMP3

View online »

Locus ID: 9260

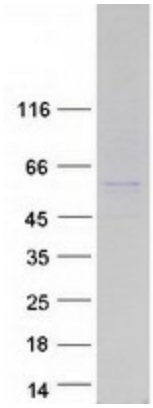
UniProt ID: Q9NR12

Cytogenetics: 5q35.3

Summary: The protein encoded by this gene is representative of a family of proteins composed of conserved PDZ and LIM domains. LIM domains are proposed to function in protein-protein recognition in a variety of contexts including gene transcription and development and in cytoskeletal interaction. The LIM domains of this protein bind to protein kinases, whereas the PDZ domain binds to actin filaments. The gene product is involved in the assembly of an actin filament-associated complex essential for transmission of ret/ptc2 mitogenic signaling. The biological function is likely to be that of an adapter, with the PDZ domain localizing the LIM-binding proteins to actin filaments of both skeletal muscle and nonmuscle tissues. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PDLIM7 protein (Cat# [TP301005]). The protein was produced from HEK293T cells transfected with PDLIM7 cDNA clone (Cat# [RC201005]) using MegaTran 2.0 (Cat# [TT210002]).