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Product datasheet for PH327933

PLS1 (NM_001145319) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PLS1 MS Standard C13 and N15-labeled recombinant protein (NP_001138791)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227933
Predicted MW:	70.3 kDa
Protein Sequence:	>RC227933 protein sequence Red=Cloning site Green=Tags(s) MENSTTTISREELEELQEAFNKIDIDNSGYVSDYELQDLFKEASLPLPGYKVREIVEKILSVADSNKDGK ISFEEFVSLMQELKSKDISKTFRKIINKREGITAIGGTSTISSEGTQHSYSEEEKVAFVNWINKALENDP DCKHLIPMNPNDDSLFKSLADGILLCKMINLSEPDTIDERAINKKKLTPFTISENLNLALNSASAIGCTV VNIGASDLKEGKPHLVLGLLWQIIKVGLFADIEISRNEALIALLNEGEELEELMKLSPEELLLRWVNYHL TNAGWHTISNFSQDIKDSRAYFHLLNQIAPKGGEDGPAIAIDLSGINETNDLKRAGLMLQEADKLGCKQF VTPADVVSGNPKLNLAFVANLFNTYPCLHKPNNNDIDMNLLEGESKEERTFRNWMNSLGVNPYINHLYSD LADALVIFQLYEMIRVPVNWRHVNKPPYPALGGNMKKIENCNYAVELGKNKAKFSLVGIAGQDLNEGNST LTLALVWQLMRRYTLNVLSDLGEGEKVNDEIIIKWVNQTLKSANKKTSISSFKDKSISTSLPVLDLIDAI APNAVRQEMIRRENLSDEDKLNNAKYAISVARKIGARIYALPDDLVEVKPKMVMTVFACLMGKGLNRIK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001138791
RefSeq Size:	3720
RefSeq ORF:	1887

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Synonyms: DFNA76

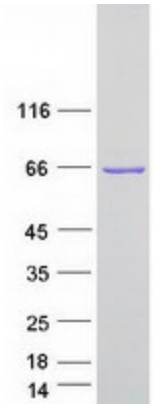
Locus ID: 5357

UniProt ID: Q14651

Cytogenetics: 3q23

Summary: Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. The protein encoded by this gene is a third distinct plastin isoform, which is specifically expressed at high levels in the small intestine. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. A pseudogene of this gene is found on chromosome 11. [provided by RefSeq, Feb 2010]

Product images:



Coomassie blue staining of purified PLS1 protein (Cat# [TP327933]). The protein was produced from HEK293T cells transfected with PLS1 cDNA clone (Cat# [RC227933]) using MegaTran 2.0 (Cat# [TT210002]).