

Product datasheet for PH302925

PLTP (NM_182676) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PLTP MS Standard C13 and N15-labeled recombinant protein (NP_872617)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202925
Predicted MW:	49.3 kDa
Protein Sequence:	>RC202925 protein sequence Red=Cloning site Green=Tags(s)
	MALFGALFLALLAGAHAEFPGCKIRVTSKALELVKQEGLRFLEQELETITIPDLRGKEGHFYNNISEVKV TELQLTSSSELDLDFQPQELMLQITNASLGLRFRQQLLYWFLKVYDFLSTFITSGMRFLLNQICPVLYHAG TVLLNSLLDTPVVRSSVDELVGIDYSLMKDPVASTSNLDMDFRGAFFPLTERNWSPNRAVEPQLQEEER MYYVAFSEFFFDSSAMESYFRAGALQLLLVGDKVPHDLMLLRATYFGSIVLLSPAVIDSPLKLELRVLP PRCTIKPSGTTISVTASVTIALVPPDQPEVQLSSMTMDARLSAKMALRGKALRTQLDLRRFRIYSNHSAL ESLALIPLQAPLKTMLQIGVMPMLNERTWRGVQIPLPEGINFVHEVVTNHAGFLTIGADLHFAKGLREVI EKNRPADVRASTAPTSTAAV
	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- 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:	<u>NP_872617</u>
RefSeq Size:	1944
RefSeq ORF:	1323
Synonyms:	BPIFE; HDLCQ9



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Locus ID: 5360

UniProt ID: [P55058](#), [P55058-2](#)

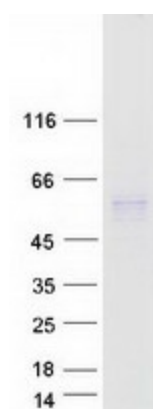
Cytogenetics: 20q13.12

Summary: The protein encoded by this gene is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: PPAR signaling pathway

Product images:



Coomassie blue staining of purified PLTP protein (Cat# [TP302925]). The protein was produced from HEK293T cells transfected with PLTP cDNA clone (Cat# [RC202925]) using MegaTran 2.0 (Cat# [TT210002]).