

Recombinant Full Length Human PLTP Protein, C-Flag-tagged

Cat. No. PLTP-318HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PLTP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53 kDa
AA Sequence	MALFGALFLALLAGAHAVFPGCKIRVTSKALELVKQEGLRFLEQELETITIPDLRGKEG HFYYNISEVKV TELQLTSSSELDQFPQQELMLQITNASLGLRFRRLQLLYWFFYDGGYI NASAEGVSIRTGLELSRDPAGRMK VSNVSCQASVSRMHAAFGGTFKKVYDFLSTFI TSGMRFLNQQICPVLYHAGTVLLNSLLDTPVRSSVD ELVGIDYSLMKDPVASTSN LDMDFRGAFFPLTERNWSLPNRAVEPQLQEEERMVYVAFSEFFFDSESY FRAG ALQLLLVGDKVPHDLDMLLRATYFGSIVLLSPAVIDSPLKLELRVLAPPRCTIKPSGTTI SVTASV TIALVPPDQPEVQLSSMTMDARLSAKMALRGKALRTQLDLRRFRIYSNHSA LESLALIPLQAPLKTMLQI GVMPMLNERTWRGVQIPLPEGINFVHEVVTNHAGFLTIG

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	ADLHFAKGLREVIEKNRPADVRASTAPTST AAVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Protein Pathways	PPAR signaling pathway
Full Length	Full L.
GENE INFORMATION	
Gene Name	PLTP phospholipid transfer protein [Homo sapiens (human)]
Official Symbol	PLTP
Synonyms	BPIFE; HDLCQ9
Gene ID	5360

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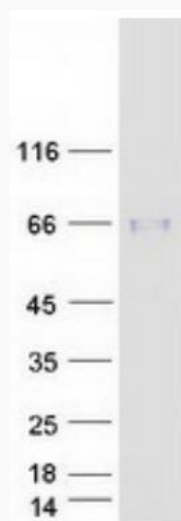
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mRNA Refseq [NM_006227.4](#)

Protein Refseq [NP_006218.1](#)

MIM [172425](#)

UniProt ID [P55058](#)



Coomassie blue staining of purified PLTP protein.

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