

Product datasheet for **TP305797M**

PLTP (NM_006227) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phospholipid transfer protein (PLTP), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205797 protein sequence Red =Cloning site Green =Tags(s)

MALFGALFLALLAGAHAVFPGCKIRVTSKALELVKQEGLRFLEQELETITIPDLRGKEGHFYINISEVKV
TELQLTSSSELDLFPQQELMLQITNASLGLRFRRLLYWFFYDGGYINASAEGVSIRTGLELSRDPAGRMK
VSNVSCQASVSRMHAAFGGTFKKVYDFLSTFITSGMRFLNQQICPVLYHAGTVLLNSLLDTPVVRSSVD
ELVGIDYSLMKDPVASTSNLDMDFRGAFFPLTERNWSLPNRAVEPQLQEEERMVYVAFSEFFFDAMESY
FRAGALQLLLVGDKVPDLDMLLRATYFGSIVLLSPAVIDSPLKLELRVLAPPRTIKPSGTTISVTASV
TIALVPPDQPEVQLSSMTMDARLSAKMALRGKALRTQLDLRRFRIYSNHSALSLALIPLQAPLKTMLQI
GVMPMLNERTWRGVQIPLPEGINFVHEWVTNHAGFLTIGADLHFAKGLREVIEKNRPADVRASTAPTST
AAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

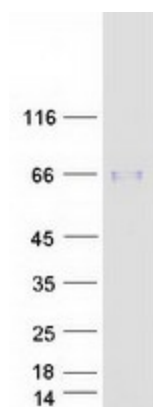
Tag:	C-Myc/DDK
Predicted MW:	53 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006218
Locus ID:	5360
UniProt ID:	P55058
RefSeq Size:	2100
Cytogenetics:	20q13.12
RefSeq ORF:	1479
Synonyms:	BPIFE; HDLCQ9
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# [TP305797]). The protein was produced from HEK293T cells transfected with PLTP cDNA clone (Cat# [RC205797]) using MegaTran 2.0 (Cat# [TT210002]).