

Recombinant Human PLTP protein, His-tagged

Cat. No. PLTP-1800H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLTP protein(163-441 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	163-441 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	IDYSLMKDPVASTSNLDMDFRGAFFPLTERNWSLPNRAVEPQLQEEERMVYVAFSE FFFDSAMESYFRAGALQLLLVGDKVPHDLMLLRATYFGSIVLLSPAVIDSPLKLELR VLAPPRCTIKPSGTTISVTASVTIALVPPDQPEVQLSSMTMDARLSAKMALRGKALRT QLDLRRFRIYSNHSALSLALIPLQAPLKTMLQIGVMPMLNERTWRGVQIPLPEGINF VHEVVTNHAGFLTIGADLHFAKGLREVIEKNRPADVRASTAPTPTAAV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PLTP phospholipid transfer protein [Homo sapiens]
Official Symbol	PLTP
Synonyms	PLTP; phospholipid transfer protein; BPI fold containing family E; BPIFE; lipid transfer protein II; HDLCQ9;
Gene ID	5360
mRNA Refseq	NM_001242920
Protein Refseq	NP_001229849
UniProt ID	P55058

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