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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PLTP (Human) Recombinant Protein (P01)

Catalog Number: H00005360-P01

Regulation Status: For research use only (RUO)

Product Description: Human PLTP full-length ORF (AAH05045, 19 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

FPGCKIRVTSKALELVKQEGLRFLEQELETITIPDLRGK
EGHFYYNISEVKVTELQLTSSSELDLDFQPPQELMLQITNA
SLGLRFRRLQLLYWFLKVVDFLSTFITSGMRFLNQQIC
PVLYHAGTVLLNSLLDTPVVRSSVDELVDIDYSLMKDP
VASTSNLDMDFRGAFFPLTERNWSLPNRAVEPQLQEE
ERMVYVAFSEFFFDSESYFRAGALQLLLVGDKVP
DLMLLRATYFGSIVLLSPAVIDSPLKLELRLVAPP
RCTIKPSGTTISVTASVTIALVPPDQPEVQLSSMTMDARLSA
KMLRGGKALRTQLDLRRFRIYSNHSALSLALIPLQAPL
KTMLQIGVMPMLNERTWRGVQIPLPEGINFVHEVVTN
HAGFLTIGADLHFAKGLREVIEKNRPADVRASTAPTPS
TAAV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 72.05

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5360

Gene Symbol: PLTP

Gene Alias: HDLCQ9

Gene 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]

References:

1. Differences in human phospholipid transfer protein activity following incubation of Fungizone(R) compared to lipid-based Amphotericin-B formulations in normolipidemic and hyperlipidemic plasma. Henderson RJ, Leon CG, Wasan KM. Drug Dev Ind Pharm. 2009 Sep;35(9):1139-46.