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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LPGAT1 (Human) Recombinant Protein (P01)

Catalog Number: H00009926-P01

Regulation Status: For research use only (RUO)

Product Description: Human LPGAT1 full-length ORF (NP_055688.1, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAITLEEAPWLGWLLVKALMRFAFMVNNLVAIPSYIC
YVILQPLRVLDSKRFWYIEGIMYKWLLGMVASWG
AGYTVMEWGEDIKAVSKDEAVMLVNHQATGDVCTLM
MCLQDKGLVVAQMMWLMDFHFKYTNFGIVSLVHGDF
IRQGRSYRDQQLLLKKHLENNYRSRDRKWVLFPEG
GFLRKRRETSQAFKKNLPLTNVTLPRSGATKIILNA
LVAQQKNGSPAGGDAKELDSKSKGLQWIIDTTIAYPKA
EPIDIQTWILGYRKPTVTHVHYRIFPIKDVPLETDDLTT
WLYQRFVEKEDLLSHFYETGAFPPSKGHKEAVSREMT
LSNLWIFLIQSFAFLSGYMWYNIQYFYHCLF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69.5

Interspecies Antigen Sequence: Mouse (90); Rat (89)

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: 9926

Gene Symbol: LPGAT1

Gene Alias: FAM34A, FAM34A1, NET8

Gene Summary: Acyl-CoA:lysophosphatidylglycerol (LPG) acyltransferase catalyzes the reacylation of LPG to phosphatidylglycerol, a membrane phospholipid that is an important precursor for the synthesis of cardiolipin (Yang et al., 2004 [PubMed 15485873]).[supplied by OMIM]