

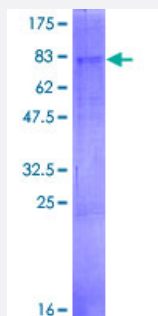
Full-Length

AGPAT6 (Human) Recombinant Protein (P01)

Catalog # H00137964-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AGPAT6 full-length ORF (NP_848934.1, 1 a.a. - 456 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFLLLPFDSLIVNLLGISLTVLFTLLLVIIVPAIFGVSGIRKLYMKSLLKIFAWATLRMERGAKEKNH
QLYKPYTNGIIAKDPTSLEEEIKEIRRS GSSKALDNTPEFELSDIFYFCRKG METIMDDEVTKRFSAE
ELESWNLLSRTNYNFQYISLRLTVLWGLGVLIRYCFLPLRIALFTGISLLVVGTTVVGYPNGRFKE
FMSKHVHLMCYRICVRALTAITYHDRENRP RGGICVANHTSPIDVILASDGYAMVGQVHGGLMG
VIQRAMVKACPHVWFERSEVKDRHLVAKRLTEHVQDKSKLPILIFPEGTCINNTSVMMFKKGSFEI
GATVYPVAIKYDPQFGDAFWNSSKYGMVTYLLRMMTSWAIVCSVWYLPMTREADEDAVQFANR
VKSAIARQGGLVDLLWDGGLKREKVKDTFKEEQKLYSKMIVGNHKDRSRS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AGPAT6

Entrez GeneID	137964
GeneBank Accession#	NM_178819.2
Protein Accession#	NP_848934.1
Gene Name	AGPAT6
Gene Alias	DKFZp586M1819, LPAAT-zeta, LPAATZ, TSARG7
Gene Description	1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta)
Omim ID	608143
Gene Ontology	Hyperlink
Gene Summary	Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal transduction and lipid biosynthesis.[supplied by OMIM]
Other Designations	lysophosphatidic acid acyltransferase zeta testis spermatogenesis apoptosis-related protein 7

Pathway

- [Ether lipid metabolism](#)
- [Glycerolipid metabolism](#)

- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)