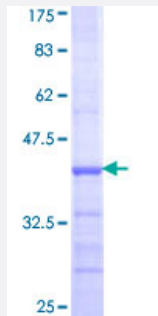


GNPAT (Human) Recombinant Protein (Q01)

Catalog # H00008443-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GNPAT partial ORF (NP_055051, 572 a.a. - 680 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LFKPFVESYQICKYLLSEEDHFSEEQYLA AVRKFTSQLLDQGTSQC YDVLSSDVQKNALAACVR LGVVEKKKINNNCIFNVNEPATTKLEEMLGCKTPIGKPATAKL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (74); Rat (72)
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 — GNPAT

Entrez GeneID	8443
GeneBank Accession#	NM_014236
Protein Accession#	NP_055051
Gene Name	GNPAT
Gene Alias	DAP-AT, DAPAT, DHAPAT
Gene Description	glyceronephosphate O-acyltransferase
Omim ID	222765 602744
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme located in the peroxisomal membrane which is essential to the synthesis of ether phospholipids. Mutations in this gene are associated with rhizomelic chondrodysplasia punctata. [provided by RefSeq]
Other Designations	OTTHUMP00000036147 acyl-CoA:dihydroxyacetonephosphateacyltransferase glycerone-phosphate O-acyltransferase

Pathway

- [Glycerophospholipid metabolism](#)

Disease

- [Attention](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)