

Recombinant Human GNPAT Protein, GST-tagged

Cat. No. GNPAT-5088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNPAT full-length ORF (NP_055051.1, 1 a.a. - 680 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	103.6 kDa
AA Sequence	MESSSSSNSYFSVGPTSPSAVLLYSKELKKWDEFEDILEERRHVSDLKFAMKCYTP LVYKGITPCKPIDIKCSVLNSEEIHVYIKQLSKESLQSVDLREEVSEILDEMSEKLRRLG AIRFCAFTLSKVFKQIFSKVCVNEEGIQKLQRAIQEHPVLLPSHRSYIDFLMLSFLLY NYDLPVPVIAAGMDFLGMKMGVCELLRMSGAFFMRRTFGGNKLYWAVFSEYVKTML RNGYAPVEFFLEGTRSRSAKTLTPKFGLLNIVMEPFKREVFDTYLPISISYDKILEE TLVYVYELLGVPKPKESTTGLLKARKILSENFGSIHVYFGDPVSLRSLAAGRMSRSSYN LVPRYIPQKQSEDMHAFVTEVAYKMELLQIENMVLSPWTLIVAVLLQNRPSMDFDAL VEKTLWLKGLTQAFGGFLIWPDNKPAEEVVPASILLHSNIASLVKDQVILKVDSGDSE VVDGLMLQHITLLMCSAYRNQLLNIFVRPSLVAVALQMTPGFRKEDVYSCFRFLRDV FADEFIFLPGNTLKDFEEGCYLLCKSEAIQVTTKDILVTEKGNTVLEFLVGLFKPFVES YQICKYLLSEEEEDHFSEEQYLA AVRKFTSQLLDQGTSQCYDVLSSDVQKNALAACV

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RLGVVEKKKINNNCIFNVNEPATTKLEEMLGCKTPIGKPATAKL

Applications

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

Notes

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

GNPAT glyceronephosphate O-acyltransferase [Homo sapiens]

Official Symbol

GNPAT

Synonyms

GNPAT; glyceronephosphate O-acyltransferase; dihydroxyacetone phosphate acyltransferase; DAP AT; DAPAT; DHAPAT; DHAP-AT; glycerone-phosphate O-acyltransferase; acyl-CoA: dihydroxyacetonephosphate acyltransferase; DAP-AT;

Gene ID

8443

mRNA Refseq

NM_014236

Protein Refseq

NP_055051

MIM

602744

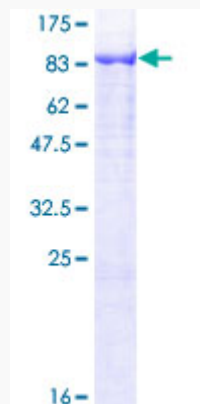
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UniProt ID

O15228

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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