

Product datasheet for **TP760532**

GNPAT (NM_014236) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human glyceronephosphate O-acyltransferase (GNPAT), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length GNPAT
Tag:	N-His
Predicted MW:	77 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055051
Locus ID:	8443
UniProt ID:	O15228
RefSeq Size:	2687
Cytogenetics:	1q42.2
RefSeq ORF:	2040
Synonyms:	DAP-AT; DAPAT; DHAPAT; RCDP2



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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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

Protein Families: Druggable Genome

Protein Pathways: Glycerophospholipid metabolism

Product images:

