

Product datasheet for TP301775

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 C-terminal MYC/DDK tag, expressed in HEK293T cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201775 protein sequence Red=Cloning site Green=Tags(s)

MESSSSNSYFVSGPTSPSAVLLYSKELKKWDEFEDILEERRHVSDLKFAMKCYTPLVYKGITPCKPID
IKCSVLNSEEIHYVIKQLSKESLQSVLDVLRREEVSEILDEMESHKRLGAI RFCAFTLSKVFKQIFSKVCVN
EEGIQKLQRAIQEHPVLLPSHRSYIDFLMSFLLYNYDLPVPVIAAGMDFLGMKMGELLRMSGAFFMR
RTFGGNKLYWAVFSEYVKTMLRNGYAPVEFFLEGTRSRSAKTLTPKFGLLNIVMEPFKREVFDTYLVPI
SISYDKILEETLYVYELLGVPKPKESTTGLLKARKILSENFSGSIHVYFGDPVSLRSLAAGRMSRSSYNLV
PRYIPQKQSEDMHAFVTEVAYKMELLQIENMVLSPWTLIVAVLLQNRPSMDFDALVEKTLWLKGLTQAFG
GFLIWPDNKPAEEVVPASILLHSNIASLVKDQVILKVDSDGSEVDGLMLQHITLLMCSAYRNQLLNIFV
RPSLVAVALQMTPGFRKEDVYSCFRFLRDVFADEFIFLPGNTLKDFFEGCYLLCKSEAIQVTTKDILVTE
KGNTVLEFLVGLFKPFVESYQIICKHLLSEEDHFSEEQYLAAVRKFTSQLLDQGTSQCYDVLSSDVQKN
ALAACVRLGVVEKKKINNNCIFNVNEPATTKLEEMLGCKTPIGKPATAKL

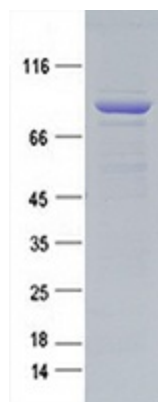
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	Myc-DDK
Predicted MW:	77.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_055051
Locus ID:	8443
UniProt ID:	Q15228
RefSeq Size:	2687
Cytogenetics:	1q42.2
RefSeq ORF:	2040
Synonyms:	DAP-AT; DAPAT; DHAPAT; RCDP2
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:

Purified recombinant protein GNPAT was analyzed by SDS-PAGE gel and Coomassie Blue Staining.