

Recombinant Human GNPAT protein, His-tagged

Cat. No. GNPAT-3350H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNPAT protein(331-680 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	331-680 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PVSLRSLAAGRMSRSSYNLVPRYIPQKQSEDMHAFVTEVAYKMELLQIENMVLSPW TLIVAVLLQNRPSMDFDALVEKTLWLKGLTQAFGGFLIWPDNKPAEEVVPASILLHSN IASLVKDQVILKVDSGDSEVVDGLMLQHITLLMCSAYRNQLLNIFVRPSLVAVALQMT PGFRKEDVYSCFRFLRDVFADEFIFLPGNTLKDFFEEGCYLLCKSEAIQVTTKDILVTEK GNTVLEFLVGLFKPFVESYQIICKHLLSEEDHFSEEQYLA AVRKFTSQLLDQGTSQC YDVLSSDVQKNALAACVRLGVVEKKNINNCIFNVNEPATTKLEEMLGCKTPIGKPAT AKL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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:dihydroxyacetonephosphateacyltransferase; DAP-AT;

Gene ID

8443

mRNA Refseq

NM_014236

Protein Refseq

NP_055051

MIM

602744

UniProt ID

O15228

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