

Recombinant Human GFPT1 protein

Cat. No. GFPT1-885H **Lot. No.** (See product label)

SPECIFICATION

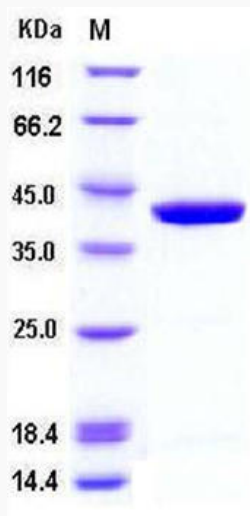
Product Overview	Recombinant Human GFPT1 protein(Gln 332-Glu 699) of human GFAT (AAA58502.1) was expressed and purified in E. coli with two amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	332-699 aa
Form	Lyophilized from sterile PBS, pH 7.4, 10% glycerol.
Molecular Mass	The recombinant human GFAT exists as a homotetramer protein. The GFAT monomer consists of 370 amino acids and predicts a molecular mass of 41.5 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001231639.1
Unit ID	Q06210
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q06210
GENE INFORMATION	
Gene Name	GFPT1 glutamine--fructose-6-phosphate transaminase 1 [Homo sapiens]
Official Symbol	GFPT1
Synonyms	GFPT1; glutamine--fructose-6-phosphate transaminase 1; GFPT, glutamine fructose 6 phosphate transaminase 1; glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1; GFA; GFAT; GFAT1; hexosephosphate aminotransferase 1; D-fructose-6-phosphate amidotransferase 1; glutamine:fructose 6 phosphate amidotransferase 1; GFPT; GFAT 1; GFAT1m;
Gene ID	2673
mRNA Refseq	NM_001244710
protein Refseq	NP_001231639
MIM	138292

SDS-PAGE

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