

Human GFPT1 recombinant protein



Catalog Number: 502296

General Information

Gene Name Synonym

D-fructose-6-phosphate amidotransferase 1;
Glutamine:fructose-6-phosphate amidotransferase
1; Hexosephosphate aminotransferase 1

Protein Construction

The sequence corresponding to amino acids (Gln 332-Glu 699) of human GFAT (AAA58502.1) was expressed and purified with two amino acids (Gly & Pro) at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

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.

Formulation

Lyophilized from sterile PBS, pH 7.4, 10% glycerol
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

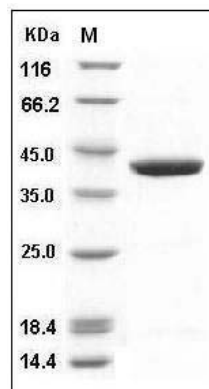
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human GFPT1 / GFAT Protein SDS-PAGE