

Human GFPT1 Recombinant Protein



RPPB1686

Product Information Protein Information

Product SKU:

RPPB1686

Accession:

Q06210

Host:

Escherichia Coli.

Protein description:

GFPT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 391 amino acids (332-699 a.a) and having a molecular mass of 43.7kDa. GFPT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1, D-fructose-6-phosphate amidotransferase 1, Glutamine:fructose-6-phosphate amidotransferase 1, GFAT 1, GFAT1, Hexosephosphate aminotransferase 1, GFPT1, GFAT, GFPT, CMSTA1, GFA, GFAT1m, GFPT1L, MSLG, Glutamine--Fructose-6-Phosphate Transaminase 1.

Formulation:

GFPT1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSQQIMKGN FSSFMQKEIF EQPESVVNTM RGRVNFDDYT VNLGGLKDHI
KEIQRCRRLI LIACGTSYHA GVATRQVLEE LTELPMVEL ASDFLDRNTP VFRDDVCFLL SQSGETADTL
MGLRYCKERG ALTVGITNTV GSSISRETDC GVHINAGPEI GVASTKAYTS QFVSLVMFAL MMCDRISMQ
ERRKEIMLGL KRLPDLIKEV LSMDDIEQKL ATELYHQKSV LIMGRGYHYA TCLEGALKIK EITYMHSEGI
LAGELKHGPL ALVDKLMPI MIIMRDHTYA KCQNALQQVW ARQGRPVVIC DKEDTETIKN TKRTIKVPHS
VDCLQGILSV IPLQLLAFHL AVLRGYDVDF PRNLAKSVTV E.