Human PFK2 / PFKFB3 (His & GST Tag) recombinant protein

Catalog Number: 502764

General Information

Gene Name Synonym

6PF-2-K/Fru-2,6-P2ase brain/placenta-type isozyme; Renal carcinoma antigen NY-REN-56; iPFK-2; 6-phosphofructo-2-kinase; Fructose-2,6-bisphosphatase

Protein Construction

A DNA sequence encoding the human PFKFB3 isoform 1 (Q16875-1) (Met 1-His 520) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Kinase activity untested

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Met

Molecular Mass

The recombinant human PFKFB3 /GST chimera consists of 757 amino acids and has a calculated molecular mass of 87.4 KDa. It migrates as an approximately 75 KDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.0, 10% glycerol, 0.3mM DTT
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

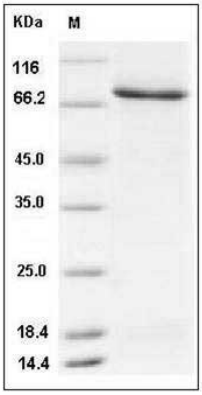
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 PFK2 / PFKFB3 Protein (His & GST Tag) SDS-PAGE