

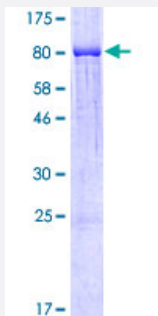
Full-Length

PFKFB3 (Human) Recombinant Protein (P01)

Catalog # H00005209-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PFKFB3 full-length ORF (NP_004557.1, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPLELTQSRVQKMVPVDHRPSLPRSCGPKLTNSPTVMVGLPARGKTYISKKLTRYLNWIGVPT
KVFNVGEYRREAVKQYSSYNFFRPDNEEAMKVRKQCALAALRDVKSYLEKEGGQIAVFDAATNTT
RERRHMLHFAKENDFKAFFIESVCDDPTTVASNIMEVKISSPDYKDCNSAEAMDDFMKRISCYEA
SYQPLDPDKCDRDLSLIKVIDVGRRFLVNRVQDHIQSRVYLMNIHVQPRTYLCRHGENEHLQGL
RIGGDSGLSSRGKKFASALSKEVEEQNLKDLRVWTSQKSTIQTAEALRLPYEQWKALNEIDAGV
CEELTYEEIRDTYPEEYALREQDKYYYRYPTGESYQDLVQRLEPVIMELERQENVLVICHQAVLRCL
LAYFLDKSAEEMPYLKCPHTVLKLTVPVAYGCRVESYLNVESVCTHRESEDAKKGNPLMRRN
SVTPLASPEPTKKPRINSFEEHVASTSAALPSCLPPEVPTQLPGQNMKGSRSSADSSRKH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86

Interspecies Antigen Sequence

Mouse (98); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PFKFB3

Entrez GeneID	5209
GeneBank Accession#	NM_004566.2
Protein Accession#	NP_004557.1
Gene Name	PFKFB3
Gene Alias	IPFK2, PFK2
Gene Description	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
Omim ID	605319
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	6-phosphofructo-2-kinase/ fructose-2,6-bisphosphatase 6-phosphofructo-2-kinase/fructose-2, 6-bisphosphatase OTTHUMP00000019040 OTTHUMP00000044861 fructose-6-phosphate,2-kinase/fructose-2, 6-bisphosphatase inducible 6-phosphofructo-2-kinase/fructose-2,6-bi

Pathway

- [Fructose and mannose metabolism](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)