Full-Length

PGAM4 (Human) Recombinant Protein (P01)

Catalog # H00441531-P01 Size 50 ug

Specification

Product Description	Human PGAM4 full-length ORF (AAI48677.1, 1 a.a. - 254 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAYKLVLIRHGESTWNLENRFSCWYDADLSPAGHEEAKRGGQALRDAGYEFDICLTSVQKRVIR TLWTVLDAIDQMWLPVVRTWRLNERHYGGLTGLNKAETAAKHGEAQVKIWRRSYDVPPPPMEPD HPFYSNISKDRRYADLTEDQLPSYESPKDTIARALPFWNEEIVPQIKEGKRVLIAAHGNSLQGIAKHV EGLSEEAIMELNLPTGIPIVYELDKNLKPIKPMQFLGDEETVCKAIEAVAAQGKAKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.34
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — PGAM4

Entrez GeneID	441531
GeneBank Accession#	BC148676.1
Protein Accession#	AAI48677.1
Gene Name	PGAM4
Gene Alias	PGAM-B, PGAM1, PGAM3, dJ1000K24.1
Gene Description	phosphoglycerate mutase family member 4
Omim ID	300567
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000063546|phosphoglycerate mutase family 3|phosphoglycerate mutase family 4|phosphoglycerate mutase processed protein

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- Glycolysis / Gluconeogenesis
- Metabolic pathways