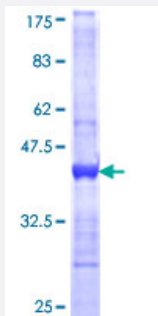


PIP5K1B (Human) Recombinant Protein (Q01)

Catalog # H00008395-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIP5K1B partial ORF (NP_003549, 201 a.a. - 310 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TYDLKGSTYKRRASRKEREKSNPTFKDLDFLQDMHEGLYFDTETYNALMKTLQRDCRVLESFKIM DYSLLLGIFLDHSLKEKEEETPQNVDAKRTGMQKVLYSTAMES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (95); Rat (94)
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 — PIP5K1B

Entrez GeneID	8395
GeneBank Accession#	NM_003558
Protein Accession#	NP_003549
Gene Name	PIP5K1B
Gene Alias	MSS4, STM7
Gene Description	phosphatidylinositol-4-phosphate 5-kinase, type I, beta
Omim ID	602745
Gene Ontology	Hyperlink
Gene Summary	type I
Other Designations	OTTHUMP00000021423

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

- [Regulation of actin cytoskeleton](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)