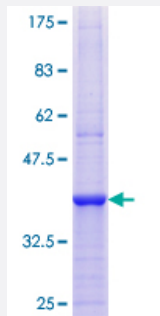


PIK4CB (Human) Recombinant Protein (Q01)

Catalog # H00005298-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIK4CB partial ORF (NP_002642.1, 731 a.a. - 828 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GGLDGDMFNYYKMLMLQGLIAARKHMDKVVQVEIMQQGSQLPCFHGSSTIRNLKERFHMSMTEE QLQLLVEQMVDGSMRSITTKLYDGFQYLTNGIM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — PI4KB

Entrez GeneID	5298
GeneBank Accession#	NM_002651
Protein Accession#	NP_002642.1
Gene Name	PI4KB
Gene Alias	PI4K-BETA, PI4KIIIbeta, PI4Kbeta, PIK4CB, pi4K92
Gene Description	phosphatidylinositol 4-kinase, catalytic, beta
Omim ID	602758
Gene Ontology	Hyperlink
Gene Summary	catalytic
Other Designations	OTTHUMP00000014284 phosphatidylinositol 4-kinase, catalytic, beta polypeptide type III phosphatidylinositol 4-kinase beta

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)