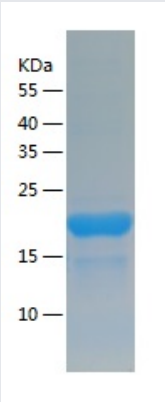
ITPKB Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ITPKB, Recombinant Protein
Full Product Name	Recombinant Human ITPKB
Product Gene Name	ITPKB recombinant protein
Product Synonym Names	1D myo inositol trisphosphate 3 kinase B; 4; 5-trisphosphate 3-kinase B; Inositol 1; Inositol 1 4 5 trisphosphate 3 kinase B; Inositol trisphosphate 3 kinase B; Inositol-trisphosphate 3-kinase B; InsP 3-kinase B; IP3 3 kinase; IP3 3 kinase B; IP3 3-kinase B; IP3K; IP3K B; IP3KB; IP3KB_HUMAN; Itpkb
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	102,376 Da
Sequence Positions	287-446
Chromosome Location	Chromosome: 1; NC_000001.10 (226819391..226926876, complement). Location: 1q42.13
OMIM	147522
3D Structure	ModBase 3D Structure for P27987
Species	Human
Tag	His tag
Reconstitution	Sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for ITPKB recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for ITPKB recombinant protein	MBS7609692 is a recombinant protein targeting ITPKB. Also known as Recombinant Human ITPKB. Host: E Coli.
Other Notes	Small volumes of ITPKB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of ITPKB recombinant protein
SDS-Page

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ITPKB. It may not necessarily be applicable to this product.

NCBI GI #	194272161
NCBI GeneID	3707
NCBI Accession #	NP_002212.3
UniProt Primary Accession #	P27987
UniProt Secondary Accession #	Q5VWL9; Q5VWM0; Q96BZ2; Q96JS1; Q9UH47
UniProt Related Accession #	P27987
GenBank Nucleotide #	NM_002221.3
NCBI Official Full Name	inositol-trisphosphate 3-kinase B
NCBI Official Synonym Full Names	inositol-trisphosphate 3-kinase B
NCBI Official Symbol	ITPKB
NCBI Official Synonym Symbols	IP3K; IP3KB; PIG37; IP3K-B; IP3-3KB
UniProt Protein Name	Inositol-trisphosphate 3-kinase B
UniProt Synonym Protein Names	Inositol 1,4,5-trisphosphate 3-kinase B
Protein Family	Inositol-trisphosphate 3-kinase
UniProt Gene Name	ITPKB
UniProt Synonym Gene Names	IP3 3-kinase B; IP3K B
UniProt Entry Name	IP3KB_HUMAN
NCBI Protein Information	inositol-trisphosphate 3-kinase B; IP3K B; IP3 3-kinase B; insP 3-kinase B; proliferation-inducing protein 37; inositol 1,4,5-trisphosphate 3-kinase B
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