

Recombinant Human ITPKB Protein (442-946 aa), His-SUMO-tagged

Cat. No. ITPKB-591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Human ITPKB Protein (442-946 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.

Species

Human

Source

E.coli

ProteinLength

442-946 aa

Form

Tris-based buffer, 50% glycerol

Molecular Mass

72.5 kDa

AA Sequence

RVEGGSPPTLGLLGSPSAQPGTGNVEAGIPSGRMLEPLPCWDAAKDLKEPQCPPG
 DRVGVQPGNSRVWQGTMEKAGLAWTRGTGVQSEGTVESQRQDSDALPPELLP
 QDPDKPFLRKACSPSNIPAVIITDMGTQEDGALEETQGS PRGNLPLRKLSSSSASST
 GFSSSYEDSEEDISSDPERTLDPNSAFLHTLDQKPRVSKSWRKIKNMVHWSPFVM
 SFKKKYPWIQLAGHAGSFKAAANGRILKKHCESEQRCLDRMLVDVLRPFVPAYHGD
 VVKDGERYNQMDDLADFDSPCVMDCMKGIRTYLEELTKARKKPSLRKDMYQKMI
 EVDPEAPTEEEKAQRAVTKPRYMQWRETISSTATLGFRIEIKKEDGTVNRDFKKT
 TREQVTEAFREFTKGNHNILAIYRDRLKAIRTTLEVSPFFKCHEVIGSSLLFIHDKKEQ
 AKVWMIDFGKTTPLPEGQTLQHDVPWQEGNREDGYLSGLNNLVDILTEMSQDAPLA

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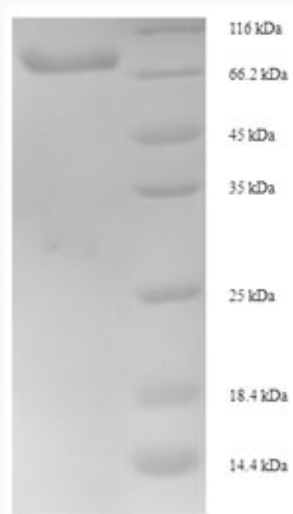
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	ITPKB inositol-trisphosphate 3-kinase B [Homo sapiens]
Official Symbol	ITPKB
Synonyms	ITPKB; IP3 3KB; IP3KB; IP3K B; IP3K; PIG37; IP3K-B; IP3-3KB;
Gene ID	3707
mRNA Refseq	NM_002221
Protein Refseq	NP_002212
MIM	147522
UniProt ID	P27987

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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