

# 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  
 DRVGVQPGNSRVWQGTMEKAGLAWTRGTGVQSEG TWESQRQDSDALPSPPELLP  
 QDPDKPFLRKACSPSNIPAVIITDMGTQEDGALEETQGS PRGNLPLRKLSSSSASST  
 GFSSSYEDSEEDISSDPERTLDPNSAFLHTLDQKPRVSKSWRKIKNMVHWSPFVM  
 SFKKKYPWIQLAGHAGSFKAAANGRILKKHCESEQRCLDRMLVDVLRPFVPAYHGD  
 VVKDGERYNQMDDLADFDSPCVMDCMGIRTYLEEELTKARKKPSLRKDMYQKMI  
 EVDPEAPTEEEKAQRAVTKPRYMQWRETISSTATLGFRIEIKKEDGTVNRDFKKT  
 TREQVTEAFREFTKGNHNILAIYRDRLKAIRTTLEVSPFFKCHEVIGSSLLFIHDKKEQ  
 AKVWMIDFGKTTPLPEGQTLQHDVPWQEGNREDGYLSGLNNLVDILTEMSQDAPLA

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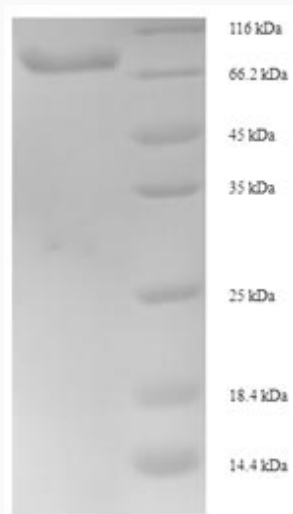
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>          | 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. |
| <b>Concentration</b>    | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | ITPKB inositol-trisphosphate 3-kinase B [ Homo sapiens ]                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b>  | ITPKB                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | ITPKB; IP3 3KB; IP3KB; IP3K B; IP3K; PIG37; IP3K-B; IP3-3KB;                                                                                                                                                                                                                                                        |
| <b>Gene ID</b>          | 3707                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_002221                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_002212                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>              | 147522                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>       | P27987                                                                                                                                                                                                                                                                                                              |

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

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