

# Recombinant Human Inositol-trisphosphate 3-kinase B(ITPKB)

Catalog No: #AP70457

Package Size: #AP70457-1 20ug #AP70457-2 100ug #AP70457-3 1mg



Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Product Name          | Recombinant Human Inositol-trisphosphate 3-kinase B(ITPKB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen Description | Expression Region:442-946aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Other Names           | Inositol 1,4,5-trisphosphate 3-kinase B ;IP3 3-kinase B ;IP3K B ;InsP 3-kinase B                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Accession No.         | P27987                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Calculated MW         | 72.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Target Sequence       | RVEGGSPTLGLLGGSPSAQPGTGNVEAGIPSGRMLEPLPCWDAADLKEPQCPCGDRVGVQPGNSRVWQQTMEKAGLAWTRGTGVQSEGTWESQRQDSDALPSELLPQDPDKPFLRKACSPSNIPAVIITDMGTQEDGALE<br>ETQGSPRGNLPLRKLSSSSASSTGFSSSYEDSEEDISSDPERTLDPNSAFLHTLDQQKPRVSKSWRKIKNMVH<br>WSPFVMSFKKKYPWIQLAGHAGSFKAAANGRIKKHCESEQRCLDRLMVDVLRPFVPAYHGDVVKDGERYN<br>QMDDLADFDSPCVMDCMGIRTYLEEELTKARKKPSLRKDMYQKMIEVDPEAPTEEEKAQRAVTKPRYMQ<br>WRETISSTATLGFRIEIKKEDGTVNRDFKKTKTREQVTEAFREFTKGNHNILAIYRDLKAIRTTLEVSPFFKCH<br>EVIGSSLLFIHDKKEQAKVWMIDFGKTTPLPEGQTLQHDVPWQEGNREDGYLSGLNNLVDILTEMSQDAPLA |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                        |

## References

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.