

# Recombinant Human IP6K1 Protein, His-SUMO-tagged

**Cat. No.** IP6K1-1262H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IP6K1 Protein (1-441aa) was expressed in E. coli with N-terminal His-SUMO tag.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-441 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 66.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | <p>MCVCQTMEVGQYGKNASRAGDRGVLLPEFIHQVGGHSSMMRYDDHTVCKPLISRE</p> <p>QRFYESLPPEMKEFTPEYKGVSVCFEGDSDGYINLVAYPYVESETVEQDDTTERE</p> <p>QPRRKHSRRSLHRSGSGSDHKEEKASLSLETSESSQEAKSPKVELHSHSEVPFQML</p> <p>DGNSGLSSEKISHNPWSLRCHKQQLSRMRSESKDRKLYKFLLENVHHFKYPCVL</p> <p>DLKMGTRQHGDASA EKAARQMRKCEQSTSATLGVRVCGMQVYQLDTGHYLCRN</p> <p>KYYGRGLSIEGFRNALYQYLHNGLDLRRDLFEPILSKLRGLKAVLERQASYRFYSSSL</p> <p>LVIYDGKECRAESCLDRRSEMRLKHLDMVLPEVASSCGPSTSPSNTSPEAGPSSQP</p> <p>KVDVRMIDFAHSTFKGFRDDPTVHDGPDRGYVFGLLENLISIMEQMRDENQ</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life                                                                                                                                                                                                                                                                                                                                                                                                                             |

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of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

## GENE INFORMATION

**Gene Name** IP6K1 inositol hexakisphosphate kinase 1 [ Homo sapiens (human) ]

**Official Symbol** IP6K1

**Synonyms** PiUS; IHPK1; IP6K1

**Gene ID** 9807

**mRNA Refseq** NM\_153273.3

**Protein Refseq** NP\_695005

**MIM** 606991

**UniProt ID** Q92551

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