

# Recombinant Human IPP Protein, GST-tagged

**Cat. No.** IPP-5074H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human IPP full-length ORF (BAG51233.1, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | The protein encoded by this gene is a member of the kelch family of proteins, which is characterized by a 50 amino acid repeat which interacts with actin. Transcript variants have been described but their full-length nature has not been determined. [provided by RefSeq]                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 91.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MANEDCPKAADSPFSSDKHAQLILAQINKMRNGQHFCDVQLQVGQESFKAHRLVLA<br>ASSPYFAALFTGGMKESSKDVVPILGIEAGIFQILLDFIYTGIVNIGVNNVQELIIAADML<br>QLTEVVHLCCEFLKGQIDPLNCIGIFQFSEQIACHDLLEFSENYIHVHFLEVHSGEEFL<br>ALTKDQLIKILRSEELSIIEDEYQVFLAAMQWILKDLGKRRKHVVEVLDPIRFPLPPQR<br>LLKYIEGVSDFNLRVALQTLLKEYCEVCKSPKENKFCFLQTSKVRPRKKARKYLYAV<br>GGYTRLQGGRWSDSRALSCVERFDTSQYWTTVSSLHQARSGLGVTVLGGMVYAI<br>GGEKDSMIFDCTECYDPVTQWTTVASMNHPRCGLGVCVCYGAIALGGWVGAEI<br>GNTIERFDPDENKWEVVGNMAVSRYYFGCCMQGLIYVIGGISNEGIELRSFEVYDP<br>LSKRWSPLPPMGTRRAYLGVAALNDICIYVGGWNETQDALHTVEKYSFEEEEKWVE<br>VASMKVPRAGMCVVAVNGLLYVSGGRSSSHDFLAPGTLDSEVYNPHSDTWTEIG |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
|                         | NMITSRCEGGVAVL                                                                                                    |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |
| <b>GENE INFORMATION</b> |                                                                                                                   |
| <b>Gene Name</b>        | IPP intracisternal A particle-promoted polypeptide [ Homo sapiens ]                                               |
| <b>Official Symbol</b>  | IPP                                                                                                               |
| <b>Synonyms</b>         | IPP; intracisternal A particle-promoted polypeptide; actin-binding protein IPP; KLHL27; kelch-like protein 27;    |
| <b>Gene ID</b>          | 3652                                                                                                              |
| <b>mRNA Refseq</b>      | NM_001145349                                                                                                      |
| <b>Protein Refseq</b>   | NP_001138821                                                                                                      |
| <b>MIM</b>              | 147485                                                                                                            |
| <b>UniProt ID</b>       | Q9Y573                                                                                                            |

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