

# Recombinant Human INPP5J Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** INPP5J-2741H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | INPP5J MS Standard C13 and N15-labeled recombinant protein (NP_001002837) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles. |
| <b>Molecular Mass</b>   | 70.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MEGQSSRGSRPGTRAGLGSLPMPQGVAQTGAPSKVDSSFQLPAKKNAALGPSE<br>PRITVVTWNVGTAMPPDDVTSLLHLGGGDDSDGADMIAIGLQEVNSMLNKRKLDAL<br>FTDQWSELFMDALGPFNFVLVSSVRMQGVILLFFAKYYHLPFLRDVQTDCTRTGLG<br>GYWGNKGGVSVRLAAFGHMLCFLNCHLPAHMDKAEQRKDNFQTILSLQQFQGP<br>GAQGILDHDLVFWFGDLNFRIESYDLHFVKFAIDSDQLHQLWEKDQLNMAKNTWPILKG<br>FQEGPLNFAPTFKFDVGTNKYDTSAKKRKPAWTDRLWKVKAPGGGPPSPSGRKSH<br>RLQVTQHSYRSHMEYTVSDHKPVAAQFLLQFAFRDDMPLVRLEVADEWVRPEQAV         |

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VRYRMETVFARSSWDWIGLYRVGFRHCKDYVAYVRAKHEDVDGNTYQVTFSEESL  
 PKGHGDFILGYYSNHSILIGITEPFQISLPSELASSSTDSSGTSSEGEDDSTLELLA  
 PKSRSPSPGKSKRHRSPGLARFPGLALRPSSRERRRGASRSPSPQSRRLSRVAP  
 DRSSNGSSRGSSSEEGPSGLPGPWAFPPAVPRSLGLLPALRLETVDPGGGGSWGP  
 DREALAPNSLSPSPQGHGRGLEEGGLGPTRTRPLEQKLISEEDLAANDILDYKDDDDK  
 V

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** **INPP5J** inositol polyphosphate-5-phosphatase J [ Homo sapiens (human) ]

**Official Symbol** **INPP5J**

**Synonyms** INPP5J; inositol polyphosphate-5-phosphatase J; phosphatidylinositol (4,5) bisphosphate 5 phosphatase, A, PIB5PA; phosphatidylinositol 4,5-bisphosphate 5-phosphatase A; INPP5; inositol polyphosphate 5-phosphatase J; phosphatidylinositol (4,5) bisphosphate 5-phosphatase, A; PIPP; PIB5PA; MGC129984;

**Gene ID** **27124**

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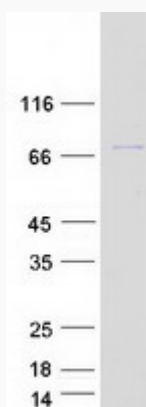
**mRNA Refseq** [NM\\_001002837](#)

**Protein Refseq** [NP\\_001002837](#)

**MIM** [606481](#)

**UniProt ID** [Q15735](#)

**SDS-PAGE**



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