

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

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

SPECIFICATION

Product Overview	INPP5J MS Standard C13 and N15-labeled recombinant protein (NP_001002837) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	70.1 kDa
AA Sequence	MEGQSSRGSRPGTRAGLGSLPMPQGVAQTGAPSKVDSSFQLPAKKNAALGPSE PRITVVTWNVGTAMPPDDVTSLLHLGGGDDSDGADMIAIGLQEVNSMLNKRKLDAL FTDQWSELFMDALGPFNFVLVSSVRMQGVILLFFAKYYHLPFLRDVQTDCTRTGLG GYWGNKGGVSVRLAAFGHMLCFLNCHLPAHMDKAEQRKDNFQTILSLQQFQGP QAQGILDHDLVFWFGDLNFRIESYDLHFVKFAIDSDQLHQLWEKDQLNMAKNTWPILKG FQEGPLNFAPTFKFDVGTNKYDTSAKKRKPAWTDRLWKVKAPGGGPPSPSGRKSH RLQVTQHSYRSHMEYTVSDHKPVAAQFLLQFAFRDDMPLVRLEVADEWVRPEQAV

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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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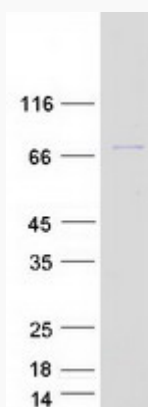
mRNA Refseq [NM_001002837](#)

Protein Refseq [NP_001002837](#)

MIM [606481](#)

UniProt ID [Q15735](#)

SDS-PAGE



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