

Recombinant Mouse Inpp5j Protein, Myc/DDK-tagged

Cat. No. Inpp5j-3549M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol polyphosphate 5-phosphatase J (Inpp5j), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	107.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Inpp5j inositol polyphosphate 5-phosphatase J \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Inpp5j](#)

Synonyms INPP5J; inositol polyphosphate 5-phosphatase J; phosphatidylinositol 4,5-bisphosphate 5-phosphatase A; proline-rich inositol polyphosphate 5-phosphatase; phosphatidylinositol (4,5) bisphosphate 5-phosphatase, A; Pipp; Pib5pa

Gene ID [170835](#)

mRNA Refseq [NM_172439](#)

Protein Refseq [NP_766027](#)

UniProt ID [P59644](#)

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