

Recombinant Mouse Inpp5a Protein, Myc/DDK-tagged

Cat. No. Inpp5a-3546M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol polyphosphate-5-phosphatase A (Inpp5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphatase that specifically hydrolyzes the 5-phosphate of inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate, and inositol 1,3,4,5-tetrasphosphate to inositol 1,3,4-trisphosphate. Plays a crucial role in the survival of cerebellar Purkinje cells.
Molecular Mass	47.6 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Inpp5a inositol polyphosphate-5-phosphatase A [Mus musculus (house mouse)]
Official Symbol	Inpp5a
Synonyms	INPP5A; inositol polyphosphate-5-phosphatase A
Gene ID	212111
mRNA Refseq	NM_001127363
Protein Refseq	NP_001120835
UniProt ID	Q7TNC9

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