

Recombinant Mouse Itpka Protein, Myc/DDK-tagged

Cat. No. Itpka-3620M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol 1,4,5-trisphosphate 3-kinase A (Itpka), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in cortex adult (RPKM 64.0), frontal lobe adult (RPKM 40.2) and 8 other tissues.
Molecular Mass	50.9 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.

GENE INFORMATION

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Gene Name	Itpka inositol 1,4,5-trisphosphate 3-kinase A [Mus musculus (house mouse)]
Official Symbol	Itpka
Synonyms	Itpka ; inositol 1,4,5-trisphosphate 3-kinase A; inositol-trisphosphate 3-kinase A; IP3 3-kinase A; IP3-kinase A; IP3K A; insP 3-kinase A; EC 2.7.1.127
Gene ID	228550
mRNA Refseq	NM_146125
Protein Refseq	NP_666237
UniProt ID	Q8R071

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