

Recombinant Mouse Ippk Protein, Myc/DDK-tagged

Cat. No. Ippk-3566M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol 1,3,4,5,6-pentakisphosphate 2-kinase (Ippk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphorylates Ins(1,3,4,5,6)P5 at position 2 to form Ins(1,2,3,4,5,6)P6 (InsP6 or phytate). InsP6 is involved in many processes such as mRNA export, non-homologous end-joining, endocytosis, ion channel regulation. It also protects cells from TNF-alpha-induced apoptosis.
Molecular Mass	55.9 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.

 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	lppk inositol 1,3,4,5,6-pentakisphosphate 2-kinase [Mus musculus (house mouse)]
Official Symbol	lppk
Synonyms	IPPK; inositol 1,3,4,5,6-pentakisphosphate 2-kinase; inositol-pentakisphosphate 2-kinase; insP5 2-kinase; ins(1,3,4,5,6)P5 2-kinase; inositol-1,3,4,5,6-pentakisphosphate 2-kinase; InsP6; 1810043M15Rik
Gene ID	75678
mRNA Refseq	NM_199056
Protein Refseq	NP_951011
UniProt ID	Q6P1C1

 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