

## Recombinant Mouse Ippk Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	55.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	lppk inositol 1,3,4,5,6-pentakisphosphate 2-kinase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	<a href="#">lppk</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">75678</a>
<b>mRNA Refseq</b>	<a href="#">NM_199056</a>
<b>Protein Refseq</b>	<a href="#">NP_951011</a>
<b>UniProt ID</b>	<a href="#">Q6P1C1</a>

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