

Recombinant Mouse Ip6k3 Protein, Myc/DDK-tagged

Cat. No. Ip6k3-3561M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol hexaphosphate kinase 3 (Ip6k3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.
Molecular Mass	44.4 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	Ip6k3 inositol hexaphosphate kinase 3 [Mus musculus (house mouse)]
Official Symbol	Ip6k3
Synonyms	IP6K3; inositol hexaphosphate kinase 3; inositol hexakisphosphate kinase 3; insP6 kinase 3; Ihpk3; D830007E07Rik
Gene ID	271424
mRNA Refseq	NM_173027
Protein Refseq	NP_766615
UniProt ID	Q8BWD2

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