

Recombinant Mouse Ip6k2 Protein, Myc/DDK-tagged

Cat. No. Ip6k2-3560M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol hexaphosphate kinase 2 (Ip6k2), 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). May play a role in the regulation of Na ⁺ -dependent phosphate cotransport, possibly via its role in diphosphoinositol pentakisphosphate (InsP7/PP-InsP5) biosynthesis.
Molecular Mass	51.6 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.

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GENE INFORMATION

Gene Name	Ip6k2 inositol hexaphosphate kinase 2 [Mus musculus (house mouse)]
Official Symbol	Ip6k2
Synonyms	IP6K2; inositol hexaphosphate kinase 2; inositol hexakisphosphate kinase 2; piUS; insP6 kinase 2; p(i)-uptake stimulator; lhpk2; AW050208; 1500005N04Rik; MGC107719
Gene ID	76500
mRNA Refseq	NM_029634
Protein Refseq	NP_083910
UniProt ID	Q80V72

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