

Recombinant Full Length Human IP6K3 Protein, C-Flag-tagged

Cat. No. IP6K3-1906HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IP6K3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing results in multiple transcript variants encoding the same protein.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.2 kDa
AA Sequence	MVVQNSADAGDMRAGVQLEPFLHQVGGHMSVMKYDEHTVCKPLVSREQRFYESL PLAMKRFTPTQYKGTVT VHLWKDSTGHLSLVANPVKESQEPFKVSTESA AVAIWQTL QQTGSGSDCTLAQWPHAQLARSPKESPA KALLRSEPHLNTPAFSLVEDTNGNQ VERKSFPNWGLQCHQAHLTRLCSEYPENKRHRFLLLENNVSQYTH PCVLDLKMGT RQHGD DASEEKKARHMRKCAQSTSACLGVRICGMQVYQTDKKYFLCKDKYYGRKL SVEGF RQALYQFLHNGSHLRRELLEPILHQLRALLSVIRSQSSYRFYSSSLVIYDGG EPPERAPGSPHPHEAPQ AAHGSSPGGLTKVDIRMIDFAHTTYKGYWNEHTTYDGP DPGYIFGLENLIRILQDIQEGE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	IP6K3 inositol hexakisphosphate kinase 3 [Homo sapiens (human)]
Official Symbol	IP6K3
Synonyms	IHPK3; INSP6K3
Gene ID	117283
mRNA Refseq	NM_054111.5
Protein Refseq	NP_473452.2
MIM	606993

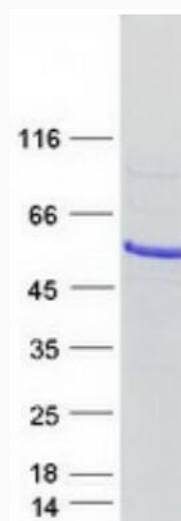
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UniProt ID

Q96PC2



Coomassie blue staining of purified IP6K3 protein.

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