

Inositol hexakisphosphate kinase 1 (IP6K1) Recombinant Protein | IP6K1 recombinant protein

Recombinant Human Inositol hexakisphosphate kinase 1 (IP6K1)

CATALOG # AAA116736	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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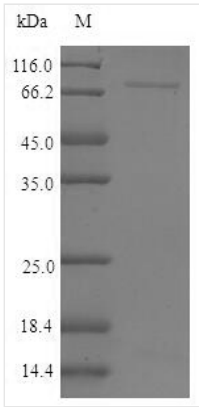
PRODUCT SYNONYMS

Inositol hexakisphosphate kinase 1 (IP6K1); Recombinant Human Inositol hexakisphosphate kinase 1 (IP6K1); Inositol hexakisphosphate kinase 1; InsP6 kinase 1; EC=2.7.4.21; Inositol hexaphosphate kinase 1; IP6K1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-441aa; Full Length
Sequence	MCVCQTMEVG QYGKNASRAG DRGVLLPEFI HQVGGHSSMM RYDDHTVCKP LISREQRFYE SLPPEMKEFT PEYKGVVSVC FEGSDSGYIN LVAYPYVESE TVEQDDTTER EQPRRKHSRR SLHRSGSGSD HKEEKASLSL ETSESSQEAK SPKVELHSHS EVPFQMLDGN SGLSSEKISH NPWSLRCHKQ QLSRMRSESK DRKLYKFLLL ENVVHHFKYP CVLDLKMGR QHGDDASAEK AARQMRKCEQ STSATLGVRV CGMQVYQLDT GHYLCRNKYY GRGLSIEGFR NALYQYLHNG LDLRRDLFEP ILSKLRGLKA VLERQASYRF YSSSLLVIYD GKECRAESCL DRRSEMRLKH LDMVLPEVAS SCGPSTSPSN TSPEAGPSSQ PKVDVRMIDF AHSTFKGFRD DPTVHDGPDR GYVFGLENLI SIMEQMRDEN Q
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IP6K1 recombinant protein	Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4
Product Categories/Family for IP6K1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	55769518
NCBI GeneID	9807
NCBI Accession #	NP_001006115.1
NCBI GenBank Nucleotide #	NM_001006115.2
UniProt Accession #	Q92551; Q7L3I7; Q96E38; A8K157; A8MUX4
Molecular Weight	66.2 kDa
NCBI Official Full Name	inositol hexakisphosphate kinase 1 isoform 2
NCBI Official Synonym Full Names	inositol hexakisphosphate kinase 1
NCBI Official Symbol	IP6K1
NCBI Official Synonym Symbols	PiUS; IHPK1
NCBI Protein Information	inositol hexakisphosphate kinase 1; insP6 kinase 1; Pi uptake stimulator; inositol hexaphosphate kinase 1; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase
UniProt Protein Name	Inositol hexakisphosphate kinase 1
UniProt Gene Name	IP6K1
UniProt Synonym Gene Names	IHPK1; KIAA0263; InsP6 kinase 1
UniProt Entry Name	IP6K1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.