Recombinant Human Inositol hexakisphosphate kinase 1 (IP6K1)

Product Code	CSB-BP011770HU
Abbreviation	IP6K1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q92551
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MCVCQTMEVG QYGKNASRAG DRGVLLEPFI HQVGGHSSMM RYDDHTVCKP LISREQRFYE SLPPEMKEFT PEYKGVVSVC FEGDSDGYIN LVAYPYVESE TVEQDDTTER EQPRRKHSRR SLHRSGSGSD HKEEKASLSL ETSESSQEAK SPKVELHSHS EVPFQMLDGN SGLSSEKISH NPWSLRCHKQ QLSRMRSESK DRKLYKFLLL ENVVHHFKYP CVLDLKMGTR QHGDDASAEK AARQMRKCEQ STSATLGVRV CGMQVYQLDT GHYLCRNKYY GRGLSIEGFR NALYQYLHNG LDLRRDLFEP ILSKLRGLKA VLERQASYRF YSSSLLVIYD GKECRAESCL DRRSEMRLKH LDMVLPEVAS SCGPSTSPSN TSPEAGPSSQ PKVDVRMIDF AHSTFKGFRD DPTVHDGPDR GYVFGLENLI SIMEQMRDEN Q
Source	Baculovirus
Target Names	IP6K1
Protein Names	Recommended name: Inositol hexakisphosphate kinase 1 Short name= InsP6 kinase 1 EC= 2.7.4.21 Alternative name(s): Inositol hexaphosphate kinase 1
Expression Region	1-441
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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 occurs for this gene; however, the full-length nature of all transcript variants has not yet been described.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.