



Recombinant *Ashbya gossypii* Inositol-pentakisphosphate 2-kinase (IPK1)

Product Code	CSB-YP748426DOT
Abbreviation	IPK1
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.	Q75EW5
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MVKIIGKGGGA NYVLAFGNDN DDLYRICVVRG RSLRENNRST VDNYHYALEV VKPQLGEFVC RMELVDLPVC DSLRQVLKSK IEVWDATTVT CLKMPNLVPA GSLSHTVDHF TKIHIGERAI VWEFKPKWLS GNDKYCRNCT LNLLRGQTSI SYCHAQLLNP GQAGPILKSL FAGLNVPPAF IEDMEAYIAQ PCSVLQRLRV AQEQVDASLG PLDQPDTAAS PERCLSM TLK DVSCFVSWHK DASPVAVVVD LDMKPAAKSA HWTALQEQLD RFQPQVRH
Source	Yeast
Target Names	IPK1
Protein Names	Recommended name: Inositol-pentakisphosphate 2-kinase EC= 2.7.1.158 Alternative name(s): Inositol-1,3,4,5,6-pentakisphosphate 2-kinase Ins(1,3,4,5,6)P5 2-kinase Short name= InsP5 2-kinase
Expression Region	1-278
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
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.