



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

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|--------------------------|---|
| Product Code | CSB-BP748426DOT |
| 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 | Baculovirus |
| 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. |