



Recombinant *Ashbya gossypii* Adenylate kinase 1 (ADK1)

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|--------------------------|---|
| Product Code | CSB-MP001508DOT |
| Abbreviation | ADK1 |
| 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. | Q74ZL1 |
| 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 | MSCWTYLGRA RGPRASAPTA RRFFANFFND LIVAVSSTVG ALKTSQQTPL KMSQDMSHVP EAIRMVLI GP PGAGKGTQAP KLKEKFCVCH LATGDMLRSQ VAKQTALGVQ AKKIMDQGG L VSDEIMVNMI KDELRSNPEC ANGFILDGFP RTIPQAQKLD EMLVAQ GKPL DRAVELKIDD ELLVARITGR LVHPASGRSY HKL FNPPKVA MTDDVTGDPL VQRSDDNADA LKKRLDAYHA QTEPIVDFYK KTGIWAGVDA SQPPKTVWSD ILKALGK |
| Source | Mammalian cell |
| Target Names | ADK1 |
| Protein Names | Recommended name: Adenylate kinase 1 Short name= AK 1 EC= 2.7.4.3 Alternative name(s): ATP-AMP transphosphorylase 1 Adenylate kinase cytosolic and mitochondrial |
| Expression Region | 1-277 |
| 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. |