



Recombinant Mycobacterium tuberculosis Adenylate kinase (adk)

Product Code	CSB-EP404243MON-B
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.	A5U0B9
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium tuberculosis (strain ATCC 25177 / H37Ra)
Purity	>85% (SDS-PAGE)
Sequence	MRVLLLGPPG AGKGTQAVKL AEKLGIPQIS TGELFRRNIE EGTKLGVEAK RYLDAGDLVP SDLTNELVDD RLNNPDAANG FILDGYPRSV EQAKALHEML ERRGTDIDAV LEFRVSEEV LERLKGRGRA DDTDDVILNR MKVYRDETAP LLEYRDQLK TVDAVGTMD E VFARALRALG K
Source	E.coli
Target Names	adk
Protein Names	Recommended name: Adenylate kinase Short name= AK EC= 2.7.4.3 Alternative name(s): ATP-AMP transphosphorylase
Expression Region	1-181
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.