



Recombinant Danio rerio Adenylate kinase 2, mitochondrial (ak2)

Product Code	CSB-EP629083DIL
Abbreviation	ak2
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.	Q1L8L9
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MAPSTQEDDT VSGIRKGIRA ILLGPPGAGK GTQAPKLAEK YCVCHLATGD MLRAMVASGS ELGQRLKETM DAGKLVSDM VVELIDNNLD TPACKNGFLL DGFPRTVKQA EMLDDLMEKR SEKLDVIEF SVDDSLVRR ICGRLIHQPS GRSYHEEFHP PKEHMKDDVT GEPLIRRSDD NETTLRSRLE SYHRQTSPLV QYYSARGLHT AIDASQSTD L VFASILA AFS AATCKDLVYF V
Source	E.coli
Target Names	ak2
Protein Names	Recommended name: Adenylate kinase 2, mitochondrial Short name= AK 2 EC= 2.7.4.3 Alternative name(s): ATP-AMP transphosphorylase 2
Expression Region	1-241
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.