



Recombinant Arabidopsis thaliana Adenylyl-sulfate kinase 1, chloroplastic (AKN1)

Product Code	CSB-EP673747DOA-B
Abbreviation	AKN1
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.	Q43295
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VS MDGSQTLSHN KNGSIPEVKS INGHTGQKQG PLSTVGNSTN IKWHECSVEK VDRQRLLDQK GCVIWVTGLS GSGKSTLACA LNQMPLYQKGGK LCYILDGDNV RHGLNRDLSF KAEDRAENIR RVGEVAKLFA DAGIICIASL ISPYRTDRDA CRLLPEGDF VEVFMDVPLS VCEARDPKGL YKLARAGKIK GFTGIDDPYE PPLNCEISLG REGGTSP IEM AEKVVGYLDN KGYLQA
Source	E.coli
Target Names	APK1
Protein Names	Recommended name: Adenylyl-sulfate kinase 1, chloroplastic EC= 2.7.1.25 Alternative name(s): ATP adenosine-5'-phosphosulfate 3'-phosphotransferase Adenosine-5'-phosphosulfate kinase Short name= APS kinase
Expression Region	39-276
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 of Mature 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.