



Recombinant Arabidopsis thaliana Aspartokinase 2, chloroplastic (AK2)

Product Code	CSB-EP517814DOA
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.	O23653
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VMKFGG SSVESAERMK EVANLILSFP DERPVIVLSA MGKTTNKLLK AGEKAVTCGV TNVESIEELS FIKELHLRTA HELGVETTVI EKHLEGLHQL LKGISMMLKEL TLRTRDYLVS FGECMSTRLF SAYLNKIGHK ARQYDAFEIG FITDDFTNA DILEATYPAV SKTLVGDWSK ENAVPVVTGY LGKGWRSCAI TTLGRGGS DL TATTIGKALG LREIQVWKDV DGVLTCDPNI YPGAQSVPYL TFDEAAELAY FGAQVLHPLS MRPARDGDIP VRVKNSYNPT APGTVITRSR DMSKAVLTSI VLKRNVTMLD IASTRMLGQY GFLAKVFTTF EDLGISVDVV ATSEVSISLT LDKAKLWGRE LIQRVNELDN LVEELEKIAV VKLLQRRSII SLIGNVQKSS LILEKVFQVF RSNGVNVQMI SQGASKVNIS LIVNDEEAEQ CVRALHSAFF ETD P
Source	E.coli
Target Names	AK2
Protein Names	Recommended name: Aspartokinase 2, chloroplastic EC= 2.7.2.4 Alternative name(s): Aspartate kinase 2
Expression Region	85-544
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.