



Recombinant Arabidopsis thaliana Aspartokinase 3, chloroplastic (AK3)

Product Code	CSB-EP865812DOA
Abbreviation	AK3
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.	Q9S702
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VMKFG GSSVASAERM IQVAKLILSF PDEKPVVVLV AMAKTTNKLL MAGEKAVCCG VTNVDTIEEL SYIKELHIRT AHELGVETAV IAEHLEGLEQ LLKGVAMMKE LTLRSRDYLV SFGECMSTRL FAAYLNKIGH KARQYDAFEI GIITDDFTN ADILEATYPA VSKKLLGDWS KENALPVVTG FLGKGWRSCA VTTLGRGGSD LTATTIGKAL GLREIQVWKD VDGVLTCDPN IYCGAQPVPH LTFDEAAELA YFGAQLHPL SMRPAREGNI PVRVKNSYNP TAPGTVITRS RDMSKAVLTS IVLKRNVTML DITSTRMLGQ YGFLAKVFST FEKLGISVDV VATSEVSISL TLDPSKFCSR ELIQHELDQV VEELEKIAVV NLLRHRISI LIGNVQRSSF ILEKGFRVLR TNGINVQMIS QGASKVNISL IVNDDEAEHC VKALHSAFFE TDTCEAVSEC PTGYIAASS
Source	E.coli
Target Names	AK3
Protein Names	Recommended name: Aspartokinase 3, chloroplastic EC= 2.7.2.4 Alternative name(s): Aspartate kinase 3
Expression Region	86-559
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.