



Recombinant Arabidopsis thaliana Vacuolar-processing enzyme alpha-isozyme (At2g25940)

Product Code	CSB-EP342980DOA
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.	P49047
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	DVIKLP SLAS KFFRPTENDD DSTKWAVLVA GSSGYWNYRH QADVCHAYQL LKKGGVKEEN IVVFMYYDDIA KNEENPRPGV IINSPNGEDV YNGVPKDYTG DEVNVDNLLA VILGNKTALK GSGGKVVDSG PNDHIFIYYS DHGGPGVLGM PTSPNLYAND LNDVLKKKYA SGTYKSLVFY LEACESGSIF ELLPEGLNI YATTASNAEE SSWGTYCPGE DPSPPEYET CLGDLYSVAW IEDSEKHNLQ TETLHEQYEL VKKRTAGSGK SYGSHVMEFG DIGLSKEKLV LFMGTNPAD E NFTFVNENSI RPPSRVTNQR DADLVHFWHK YQKAPEGSAR KVEAQKQVLE AMSHRLHVDN SILLIGILLF GLEGHAVLNK VRPSGEPLVD DWDCLKSLVR AFERHCGSLS QYGIKHMRSI ANMCNAGIQM RQMEEAAMQA CPTIPTSPWS SLDRGFSA
Source	E.coli
Target Names	At2g25940
Protein Names	Recommended name: Vacuolar-processing enzyme alpha-isozyme EC=3.4.22.- Alternative name(s): Alpha-VPE
Expression Region	21-478
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.