



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

<b>Product Code</b>	CSB-EP342980DOA-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P49047
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	DVIKLP SLAS KFFRPTENDD DSTKWAVLVA GSSGYWNYRH QADVCHAYQL LKKGGVKEEN IVVFMYYDDIA KNEENPRPGV IINSPNGEDV YNGVPKDYTG DEVNVDNLLA VILGNKTALK GSGGKVVDSDG 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
<b>Source</b>	E.coli
<b>Target Names</b>	At2g25940
<b>Protein Names</b>	Recommended name: Vacuolar-processing enzyme alpha-isozyme EC=3.4.22.- Alternative name(s): Alpha-VPE
<b>Expression Region</b>	21-478
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.