



# Recombinant Arabidopsis thaliana Tocopherol cyclase, chloroplastic (VTE1)

<b>Product Code</b>	CSB-YP856737DOA
<b>Abbreviation</b>	VTE1
<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>	Q94FY7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	TPHS GYHFDGTPRK FFEGWYFRVS IPEKRESFCF MYSVENPAFR QSLSPLEVAL YGPRFTGVGA QILGANDKYL CQYEQDSHNF WGDRHELVLG NTFSAVPGAK APNKEVPPEE FNRRVSEGFQ ATPFWHQGHI CDDGRTDYAE TVKSARWEYS TRPVYGWGDV GAKQKSTAGW PAAFPVFEPH WQICMAGGLS TGWIEWGGER FEFRDAPSYS EKNWGGGFPR KFWFWQCNVF EGATGEVALT AGGGLRQLPG LTETYENAAL VCVHYDGKMY EFVPWNGVVR WEMSPWGYWY ITAENENHVV ELEARTNEAG TPLRAPTTEV GLATACRDSC YGELKLQIWE RLYDGSKGKV ILETKSSMAA VEIGGGPWFG TWKGDTSNTP ELLKQALQVP LDLESALGLV PFFKPPGL
<b>Source</b>	Yeast
<b>Target Names</b>	VTE1
<b>Protein Names</b>	Recommended name: Tocopherol cyclase, chloroplastic Alternative name(s): Sucrose export defective 1 Vitamin E pathway gene 1 protein
<b>Expression Region</b>	77-488
<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.