



Recombinant Arabidopsis thaliana Tocopherol cyclase, chloroplastic (VTE1)

Product Code	CSB-EP856737DOA-B
Abbreviation	VTE1
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.	Q94FY7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	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 YGELKQLIWE RLYDGSKGKV ILETKSSMAA VEIGGGPWFG TWKGDTSNTP ELLKQALQVP LDLESALGLV PFFKPPGL
Source	E.coli
Target Names	VTE1
Protein Names	Recommended name: Tocopherol cyclase, chloroplastic Alternative name(s): Sucrose export defective 1 Vitamin E pathway gene 1 protein
Expression Region	77-488
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.