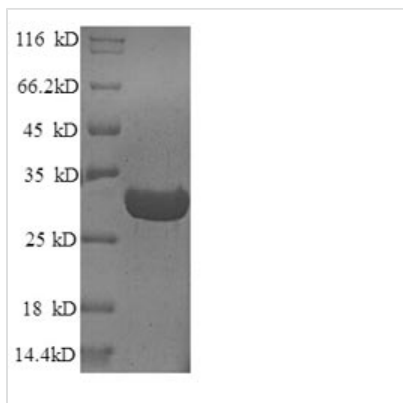




Recombinant Arabidopsis thaliana Chorismate mutase, chloroplastic (CM1), partial

Product Code	CSB-EP331618DOA1
Relevance	May play a role in chloroplast biogenesis.Curated
Abbreviation	Recombinant Mouse-ear cress APX1 protein, partial
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.	P42738
Alias	CM-1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ASLLMRSSCCSSAIGGFFDHRRELSTSTPISTLLPLPSTKSSFVRCSLPQPSK PRSGTSSVHAVMTLAGSLTGKKRVDESESLTLEGIRNSLIRQEDSIIFGLLERAK YCYNADTYDPTAFDMDGFNGSLVEYMVKGTEKLHAKVGRFKSPDEHPFFPDD LPEPMLPPLQYPKVLHFAADSININKKIWNMYFRDLVPRLVKKGDDGNYGSTA VCDAILCLQCLSKRIHYGKFVAEAKFQASPEA
Research Area	Cardiovascular
Source	E.coli
Target Names	CM1
Expression Region	3-247aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	31.1kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.