

Recombinant Arabidopsis Thaliana CM1 Protein (3-247 aa), His-tagged

Cat. No. CM1-1258A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) CM1 Protein (3-247 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Partial.
Species	Arabidopsis Thaliana
Source	E.coli
ProteinLength	3-247 aa
Description	May play a role in chloroplast biogenesis.Curated.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.1 kDa
AA Sequence	ASLLMRSSCCSSAIGGFFDHRRELSTSTPISTLLPLPSTKSSFSVRCSLPQPSKPRSG TSSVHAVMTLAGSLTGKKRVDESESLTLEGIRNSLRQEDSIIFGLLERAKYCYNADTY DPTAFDMDGFGNSLVEYVMVKGTEKLHAKVGRFKSPDEHPFFPDDLPEPMLPPLQYP KVLHFAADSININKKIWNMYFRDLVPRLVKKGDDGNYGSTAVCDAICLQCLSKRIHYG KFVAEAKFQASPEA
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

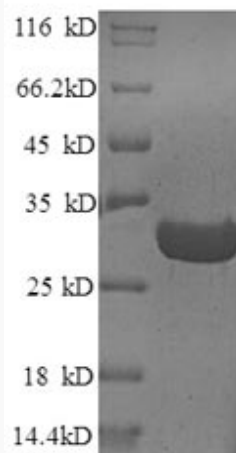
GENE INFORMATION

Gene Name	CM1 chorismate mutase 1 [Arabidopsis thaliana (thale cress)]
Official Symbol	CM1
Synonyms	ARABIDOPSIS THALIANA CHORISMATE MUTASE 1; ATCM1; chorismate mutase 1;
Gene ID	822573
mRNA Refseq	NM_113844
Protein Refseq	NP_566846
UniProt ID	P42738

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

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