

Recombinant PI(*Arabidopsis thaliana* (Mouse-ear cress)) L-ascorbate peroxidase 1, cytosolic

Catalog No: #AP72218

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Package Size: #AP72218-1 20ug #AP72218-2 100ug #AP72218-3 1mg

Description

Product Name	Recombinant PI(<i>Arabidopsis thaliana</i> (Mouse-ear cress)) L-ascorbate peroxidase 1, cytosolic
Brief Description	Recombinant Protein
Host Species	<i>E. coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:3-247aaSequence Info:Partial
Other Names	CM-1
Accession No.	P42738
Uniprot	P42738
GeneID	822573;
Calculated MW	31.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ASLLMRSSCCSSAIGGFFDHRRELSTSTPISTLLPLPSTKSSFSVRCSLPQPSKPRSGTSSVHAVMTLAGSLTG KKRVDESESLTLEGIRNSLIRQEDSIIFGLLERAKYCYNADTYDPTAFDMDGFNGSLVEYMVKGTEKLHAKVGR FKSPDEHPFFPDDLPEPMLPLQYPKVLHFAADSININKKIWNMYFRDLVPRLVKKGDDGNYGSTAVCDAICLQ CLSKRIHYGKFVAEAKFQASPEA
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May play a role in chloroplast biogenesis.Curated

References

Identification, characterization and comparative analysis of a novel chorismate mutase gene in *Arabidopsis thaliana*.Mobley E.M., Kunkel B.N., Keith B. *Gene* 240:115-123(1999)Research Topic:Cardiovascular

Note: This product is for in vitro research use only