1-Aminocyclopropane-1-Carboxylate Oxidase Homolog 3 (AT1G06650) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	1-aminocyclopropane-1-carboxylate oxidase homolog 3 (At1g06650), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase homolog 3 (At1g06650)
Product Gene Name	At1g06650 recombinant protein
Product Synonym Gene Name	At1g06650
Sequence	MEMMKIDPLF DRASELKAFD ETKTGVKGLV DSGVSQVPRI FHHPTVKLST PKPLPSDLLH LKTIPTIDLG GRDFQDAIKR NNAIEEIKEA AAKWGFFQVI NHGVSLELLE KMKKGVRDFH EQSQEVRKEF YSRDFSRRFL YLSNFDLFSS PAANWRDTFS CTMAPDTPKP QDLPEICRDI MMEYSKQVMN LGKFLFELLS EALGLEPNHL NDMDCSKGLL MLSHYYPPCP EPDLTLGTSQ HSDNSFLTVL LPDQIEGLQV RREGHWFDVP HVSGALIINI GDLLQLITND KFISLEHRVL ANRATRARVS VACFFTTGVR PNPRMYGPIR ELVSEENPPK YRETTIKDYA TYFNAKGLDG TSALLHFKI
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	35,727 Da
Sequence Positions	1-369, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8H1S4
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g06650 recombinant protein	MBS1384360 is a recombinant protein targeting At1g06650. Also known as Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase homolog 3 (At1g06650). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g06650 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for At1g06650. It may not necessarily be applicable to this product.

NCBI GI #	15221545
NCBI GeneID	837175

NCBI Accession #	NP_172150.1
UniProt Primary Accession #	Q8H1S4
UniProt Secondary Accession #	Q3EDH6; Q94K40; Q9SHK4
UniProt Related Accession #	Q8H1S4
GenBank Nucleotide #	NM_100542.4
NCBI Official Full Name	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein
NCBI Official Symbol	AT1G06650
NCBI Official Synonym Symbols	F12K11.26; F12K11_26
UniProt Protein Name	1-aminocyclopropane-1-carboxylate oxidase homolog 3
Protein Family	1-aminocyclopropane-1-carboxylate oxidase
UniProt Gene Name	At1g06650
NCBI Protein Information	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein
NCBI Summary for At1g06650	encodes a protein whose sequence is similar to 2-oxoglutarate-dependent dioxygenase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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