Putative 12-Oxophytodienoate Reductase-Like Protein 1 (AT1G09400) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative 12-oxophytodienoate reductase-like protein 1 (At1g09400), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Putative 12-oxophytodienoate reductase-like protein 1 (At1g09400)
Product Gene Name	At1g09400 recombinant protein
Product Synonym Gene Name	At1g09400
Sequence	MKNFNLTHRI VMAPMARMRS YGNIPQPHVA LYYCQRTTPG GLLISEATGV SETAMAYQNM PGIWRKEQIE AWKPIVDAVH SHGGIFFCQL WHAGRVSHQD CQPNGESPVS STDKPFADDP SNEFTPPRRL RTDEIPTIIN DFRLAARNAT EAGFDGVEIH GAHGYLIDQF MKDSVNDRTD SYGGSLENRC RFALQVIEAV SKEIGPDRVG IRLSPFADYM ESGDTDPKRL GLYMAKSLNR FEILYCHMIE PRMKTVSEIF ECRESLTPMR NAFNGTFIVA GGYTREDGNK AVAEGRTDLV AYGRLFLANP DLPKRFELNA PLNK
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	36,413 Da
Sequence Positions	1-324, 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 Q8GYA3
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g09400 recombinant protein	MBS1341782 is a recombinant protein targeting At1g09400. Also known as Recombinant Arabidopsis thaliana Putative 12-oxophytodienoate reductase-like protein 1 (At1g09400). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g09400 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 At1g09400. It may not necessarily be applicable to this product.

NCBI GI #	15217507
NCBI GeneID	837462
NCBI Accession #	NP_172411.1

UniProt Primary Accession #	Q8GYA3
UniProt Secondary Accession #	O80523; A0ME63
UniProt Related Accession #	Q8GYA3
GenBank Nucleotide #	NM_100810.2
NCBI Official Full Name	FMN-linked oxidoreductases superfamily protein
NCBI Official Symbol	AT1G09400
NCBI Official Synonym Symbols	F14J9.6; F14J9_6
UniProt Protein Name	Putative 12-oxophytodienoate reductase-like protein 1
Protein Family	Putative 12-oxophytodienoate reductase-like protein
UniProt Gene Name	At1g09400
NCBI Protein Information	FMN-linked oxidoreductases superfamily protein
UniProt Comments for At1g09400	Putative oxophytodienoate reductase that may be involved in the biosynthesis or metabolism of oxylipin signaling molecules.
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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