Probable Pectinesterase/Pectinesterase Inhibitor VGDH2 (VGDH2) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable pectinesterase/pectinesterase inhibitor VGDH2 (VGDH2), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor VGDH2 (VGDH2) , partial
Product Gene Name	VGDH2 recombinant protein
Product Synonym Gene Name	VGDH2
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	62,958 Da
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 Q5MFV6
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VGDH2 recombinant protein	MBS1306292 is a recombinant protein targeting VGDH2. Also known as Recombinant Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor VGDH2 (VGDH2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VGDH2 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 VGDH2. It may not necessarily be applicable to this product.

NCBI GI #	15228697
NCBI GeneID	825390
NCBI Accession #	NP_191776.1
UniProt Primary Accession #	Q5MFV6
UniProt Secondary Accession #	Q9M1Q7
UniProt Related Accession #	Q5MFV6
GenBank Nucleotide #	NM_116082.3
NCBI Official Full Name	VANGUARD-like protein

NCBI Official Symbol	VGDH2
NCBI Official Synonym Symbols	VANGUARD 1 homolog 2
UniProt Protein Name	Probable pectinesterase/pectinesterase inhibitor VGDH2
UniProt Synonym Protein Names	VANGUARD1-like protein 2; VGD1-like protein 2
Protein Family	Probable pectinesterase/pectinesterase inhibitor
UniProt Gene Name	VGDH2
UniProt Synonym Gene Names	ARATH37; VGD1-like protein 2; PE VGDH2; AtPME37
NCBI Protein Information	VANGUARD-like protein
UniProt Comments for VGDH2	Acts in the modification of cell walls via demethylesterification of cell wall pectin.
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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