Glucans Biosynthesis Protein D (opgD) Pseudomonas Syringae Pv. Tomato Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glucans biosynthesis protein D (opgD), Recombinant Protein
Full Product Name	Recombinant Pseudomonas syringae pv. tomato Glucans biosynthesis protein D (opgD), partial
Product Gene Name	opgD recombinant protein
Product Synonym Gene Name	opgD
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	60,575 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 Q87TX5
Species	Pseudomonas syringae pv. tomato (strain DC3000)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for opgD recombinant protein	MBS1283235 is a recombinant protein targeting opgD. Also known as Recombinant Pseudomonas syringae pv. tomato Glucans biosynthesis protein D (opgD), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of opgD 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 opgD. It may not necessarily be applicable to this product.

NCBI GI #	28872647
NCBI GeneID	1187234
NCBI Accession #	NP_795266.1
UniProt Primary Accession #	Q87TX5
UniProt Related Accession #	Q87TX5
GenBank Nucleotide #	NC_004578.1
NCBI Official Full Name	glucan biosynthesis protein D
NCBI Official Symbol	PSPTO_5542

UniProt Protein Name	Glucans biosynthesis protein D
Protein Family	Probable glucans biosynthesis protein
UniProt Gene Name	opgD
NCBI Protein Information	glucan biosynthesis protein D
UniProt Comments for opgD	Probably involved in the control of the structural glucose backbone of osmoregulated periplasmic glucans (OPGs).
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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