Glucans Biosynthesis Protein G (opgG) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glucans biosynthesis protein G (opgG), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides Glucans biosynthesis protein G (opgG), partial
Product Gene Name	opgG recombinant protein
Product Synonym Gene Name	opgG
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	59,885 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 Q9FA54
Species	Rhodobacter sphaeroides (strain 17023 / 2.4.1 / NCIB 8253 / DSM 158)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for opgG recombinant protein	MBS1437857 is a recombinant protein targeting opgG. Also known as Recombinant Rhodobacter sphaeroides Glucans biosynthesis protein G (opgG), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of opgG 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 opgG. It may not necessarily be applicable to this product.

NCBI GI #	552535770
NCBI GeneID	3719692
NCBI Accession #	YP_353201.2
UniProt Primary Accession #	Q9FA54
UniProt Secondary Accession #	Q3J1N4
GenBank Nucleotide #	NC_007493.2
NCBI Official Full Name	periplasmic glucan biosynthesis protein
NCBI Official Symbol	opgG
UniProt Protein Name	Glucans biosynthesis protein G

UniProt Gene Name	opgG
NCBI Protein Information	periplasmic glucan biosynthesis protein
UniProt Comments for opgG	Involved in the biosynthesis 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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