Probable Rhamnogalacturonase B (rhgB) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable rhamnogalacturonase B (rhgB), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Probable rhamnogalacturonase B (rhgB), partial
Product Gene Name	rhgB recombinant protein
Product Synonym Gene Name	rhgB
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	56,503 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 Q2TWN8
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rhgB recombinant protein	MBS1407038 is a recombinant protein targeting rhgB. Also known as Recombinant Aspergillus oryzae Probable rhamnogalacturonase B (rhgB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rhgB 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 rhgB. It may not necessarily be applicable to this product.

NCBI GI #	169786015
NCBI GeneID	5999602
NCBI Accession #	XP_001827468.1
UniProt Primary Accession #	Q2TWN8
UniProt Related Accession #	Q2TWN8
GenBank Nucleotide #	XM_001827416.1
NCBI Official Full Name	unnamed protein product
NCBI Official Symbol	AO090010000484
UniProt Protein Name	Probable rhamnogalacturonase B

Protein Family	Probable rhamnogalacturonase
UniProt Gene Name	rhgB
UniProt Synonym Gene Names	RGase B; RHG B
NCBI Protein Information	hypothetical protein
UniProt Comments for rhgB	Pectinolytic enzymes consist of four classes of enzymes: pectine lyase, polygalacturonase, pectin methylesterase and rhamnogalacturonase. Hydrolyzes alpha-D-galacturonopyranosyl-(1,2)-alpha-L-rhamnopyranosyl linkages in the backbone of the hairy regions of pectins ().
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