Probable Alpha-Galactosidase B (aglB) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable alpha-galactosidase B (aglB), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Probable alpha-galactosidase B (aglB)
Product Gene Name	aglB recombinant protein
Product Synonym Gene Name	aglB
Sequence	LVRPDGVGRL PALGWNTWNA FGCDIDASKV LTAAEETINL GLKDAGYEYI NIDDCWSVKS GRDPNTKRII PDSAKFPDGI SGVASKIHDL GLKVGIYSSA GTETCAGYPA SLGYEKIDAE SFAEWGIDYL KYDNCGVPTN WTDTYTHCVP DNSNGSKFPN GTCPDISNPA PTAYDWSSSN TAQRYNAMRD ALLGVNRTIL YSLCEWGQAD VNTWGNGTGN SWRTTGDITP DWSRIVEIAN ENSFLMNYAD FWGYPDPDML EVGNGNLTLE ENRAHFALWA AMKSPLIIGT ALDSINEEHL AILKNKPLLS FHQDPVIGRP AYPYKWGYNP DWTFDPAHPA EYWSGPSSTL GGTLVLMFNS EDSAKHRTAV WSEIPELKDS AEKGSGYRVT EIWTGEDLGC VKDQYDVELQ SHDIAALVVG ESC
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	48,507 Da
Sequence Positions	20-442, 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 Q2UJ97
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aglB recombinant protein	MBS1311999 is a recombinant protein targeting aglB. Also known as Recombinant Aspergillus oryzae Probable alpha-galactosidase B (aglB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aglB 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 aglB. It may not necessarily be applicable to this product.

NCBI GI #	169771801
NCBI GeneID	5992593
NCBI Accession #	XP_001820370.1
UniProt Primary Accession #	Q2UJ97

UniProt Related Accession #	Q2UJ97
GenBank Nucleotide #	XM_001820318.3
NCBI Official Full Name	unnamed protein product
NCBI Official Symbol	AO090003001305
UniProt Protein Name	Probable alpha-galactosidase B
UniProt Synonym Protein Names	Melibiase B
Protein Family	Dolichyl-monophosphooligosaccharide--protein glycotransferase
UniProt Gene Name	aglB
NCBI Protein Information	hypothetical protein
UniProt Comments for aglB	Hydrolyzes a variety of simple alpha-D-galactoside as well as more complex molecules such as oligosaccharides and polysaccharides.
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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