Thermostable Beta-Glucosidase B (bglB) Thermobispora Bispora Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thermostable beta-glucosidase B (bglB), Recombinant Protein
Full Product Name	Recombinant Thermobispora bispora Thermostable beta-glucosidase B (bglB)
Product Gene Name	bglB recombinant protein
Sequence	MTESAMTSRA GRGRGADLVA AVVQGHAAAS DAAGDLSFPD GFIWGAATAA YQIEGAWRED GRGLWDVFSH TPGKVASGHT GDIACDHYHR YADDVRLMAG LGDRVYRFSV AWPRIVPDGS GPVNPAGLDF YDRLVDELLG HGITPYPTLY HWDLPQTLED RGGWAARDTA YRFAEYALAV HRRLGDRVRC WITLNEPWVA AFLATHRGAP GAADVPRFRA VHHLLLGHGL GLRLRSAGAG QLGLTLSLSP VIEARPGVRG GGRRVDALAN RQFLDPALRG RYPEEVLKIM AGHARLGHPG RDLETIHQPV DLLGVNYYSH VRLAAEGEPA NRLPGSEGIR FERPTAVTAW PGDRPDGLRT LLLRLSRDYP GVGLIITENG AAFDDRADGD RVHDPERIRY LTATLRAVHD AIMAGADLRG YFVWSVLDNF EWAYGYHKRG IVYVDYTTMR RIPRESALWY RDVVRRNGLR NGE
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	52,228 Da
Sequence Positions	1-473, 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 P38645
Species	Thermobispora bispora (Microbispora bispora)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for bglB recombinant protein	MBS1256282 is a recombinant protein targeting bglB. Also known as Recombinant Thermobispora bispora Thermostable beta-glucosidase B (bglB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of bglB 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 bglB. It may not necessarily be applicable to this product.

NCBI GI #	584838
NCBI Accession #	P38645.1
UniProt Primary Accession #	P38645
NCBI Official Full Name	Thermostable beta-glucosidase B
UniProt Protein Name	Thermostable beta-glucosidase B

UniProt Synonym Protein Names	Amygdalase; Beta-D-glucoside glucohydrolase; Cellobiase; Gentiobiase
Protein Family	6-phospho-beta-glucosidase
UniProt Gene Name	bglB
UniProt Comments for bglB	MiscellaneousShows greater activity against cellobiose than against aryl-beta-D-glucosides.
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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