Glucan Endo-1,6-Beta-Glucosidase B (exgB) Emericella Nidulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glucan endo-1,6-beta-glucosidase B (exgB), Recombinant Protein
Full Product Name	Recombinant Emericella nidulans Glucan endo-1,6-beta-glucosidase B (exgB)
Product Gene Name	exgB recombinant protein
Product Synonym Gene Name	exgB; AN3777
Product Synonym Names	Glucan endo-1,6-beta-glucosidase B; EC=3.2.1.75; Beta-1,6-glucanase B; Endo-1,6-beta-D-glucanase B; Endo-1,6-beta-glucanase B
Sequence	WLPG IDKDIYSAAG TNIFNVTSAS SKRWLPASKK IRGVNLGSHF VIEPWMASMA WSNMGCSGQR SEFDCVMALG QETADQAFAD HWGSWITQDD INQMVQYGLN TIRIPVGYWL KEDLVYADSE HFPKGGIGYL EDVCGWASDA GMYIIIDLHG APGAQQPKQP FTGQYAPNPG FYQDYQYDRA LEFLEWMTTS IHQNNKFRNV GMLEIVNEPV QNADQASSMI NSYYPSAFTR IRNTESSLGI TSNNYLHIQM MNEKWGSGDP TQSLTDNYFA AYDDHRYVKW DSSVAVDKES YISASCVDDR GGNWPTIVGE WSLSVPDNVE HTADWEPSSN TDFYARWFAA QAIAYEKQEG WVFWSWKAQL GDYRWSYKDA VDAGVIPKDL DSIYDYSPC
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	46,267 Da
Sequence Positions	17-409aa; 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 Q5B6Q3
Species	Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for exgB recombinant protein	MBS1303795 is a recombinant protein targeting exgB. Also known as Recombinant Emericella nidulans Glucan endo-1,6-beta-glucosidase B (exgB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of exgB 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 exgB. It may not necessarily be applicable to this product.

NCBI GI #	67526639
NCBI GeneID	2873201
NCBI Accession #	XP_661381.1

UniProt Primary Accession #	Q5B6Q3
UniProt Secondary Accession #	Q1HFT3; C8V716
UniProt Related Accession #	Q5B6Q3
GenBank Nucleotide #	XM_656289.1
NCBI Official Full Name	hypothetical protein AN3777.2
NCBI Official Symbol	AN3777.2
UniProt Protein Name	Glucan endo-1,6-beta-glucosidase B
UniProt Synonym Protein Names	Beta-1,6-glucanase B; Endo-1,6-beta-D-glucanase B; Endo-1,6-beta-glucanase B
Protein Family	Glucan endo-1,6-beta-glucosidase
UniProt Gene Name	exgB
UniProt Synonym Gene Names	AN3777
UniProt Entry Name	EXGB_EMENI
NCBI Protein Information	hypothetical protein
UniProt Comments for exgB	Beta-glucanases participate in the metabolism of beta-glucan, the main structural component of the cell wall. Acts on lutean, pustulan and 1,6-oligo-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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