Probable Mannan Endo-1,4-Beta-Mannosidase C (manC) Aspergillus Terreus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable mannan endo-1,4-beta-mannosidase C (manC), Recombinant Protein
Full Product Name	Recombinant Aspergillus terreus Probable mannan endo-1,4-beta-mannosidase C (manC)
Product Gene Name	manC recombinant protein
Product Synonym Gene Name	manC
Sequence	RKHVPRGFVT TSGMKFQLDG KDFYFAGSNA YYFPFNDNQT DVELGLAAAK QAGLTVFRTW GFNDKNATYI EGGLPAYGGE GAGTTEVVFQ RWANGTSTID LEPFDKVVNA AKNTGMKLVV ALTNNWADYG GMDVYTINLG GQYHDDFYRL PAIKKAYKRY VKEMVTRYRD SPAIMAWELA NEPRCGADGV RNLPRSADGC NPEVLTAWID EMSTYIKKLD PHHLVTWGGE GGFNIESDDW AYNGADGGDF DNELALPNID FGVFHSYPDW WSKTVSWTNQ WIRDHAAAMR TGRKPVVHEE YGWLTPEARL EYLGTVSNIT RLEAVGGWQQ ISVSEKMSDM YWQYGYSGYS YGRNHNDGFT IYLDDPEAKE LVYKHAKEVK KLNRRH
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	45,768 Da
Sequence Positions	21-406, 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 Q0C8J3
Species	Aspergillus terreus (strain NIH 2624 / FGSC A1156)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for manC recombinant protein	MBS1279390 is a recombinant protein targeting manC. Also known as Recombinant Aspergillus terreus Probable mannan endo-1,4-beta-mannosidase C (manC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of manC 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 manC. It may not necessarily be applicable to this product.

NCBI GI #	115385493
NCBI GeneID	4319511
NCBI Accession #	XP_001209293.1

UniProt Primary Accession #	Q0C8J3
UniProt Related Accession #	Q0C8J3
GenBank Nucleotide #	XM_001209293.1
NCBI Official Full Name	conserved hypothetical protein
NCBI Official Symbol	ATEG_09991
UniProt Protein Name	Probable mannan endo-1,4-beta-mannosidase C
UniProt Synonym Protein Names	Endo-beta-1,4-mannanase C
Protein Family	Alpha-mannosidase
UniProt Gene Name	manC
NCBI Protein Information	hypothetical protein
UniProt Comments for manC	Endo-1,4-mannanase, a crucial enzyme for depolymerization of seed galactomannans and wood galactoglucomannans.
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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