Endo-Beta-N-Acetylglucosaminidase F1 (endOF1) Flavobacterium Meningosepticum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endo-beta-N-acetylglucosaminidase F1 (endOF1), Recombinant Protein
Full Product Name	Recombinant Flavobacterium meningosepticum Endo-beta-N-acetylglucosaminidase F1 (endOF1)
Product Gene Name	endOF1 recombinant protein
Sequence	AVTGTTKANI KLFSFTEVND TNPLNNLNFT LKNSGKPLVD MVVLFSANIN YDAANDKVFV SNNPNVQHLL TNRAKYLKPL QDKGIKVILS ILGNHDRSGI ANLSTARAKA FAQELKNTCD LYNLDGVFFD DEYSAYQTPP PSGFVTPSNN AAARLAYETK QAMPNKLVTV YVYSRTSSFP TAVDGVNAGS YVDYAIHDYG GSYDLATNYP GLAKSGMVMS SQEFNQGRYA TAQALRNIVT KGYGGHMIFA MDPNRSNFTS GQLPALKLIA KELYGDELVY SNTPYSKD
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	37,201 Da
Sequence Positions	51-338, 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 P36911
Species	Flavobacterium meningosepticum (Chryseobacterium meningosepticum) (Elizabethkingia meningoseptica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for endOF1 recombinant protein	MBS1121959 is a recombinant protein targeting endOF1. Also known as Recombinant Flavobacterium meningosepticum Endo-beta-N-acetylglucosaminidase F1 (endOF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of endOF1 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 endOF1. It may not necessarily be applicable to this product.

NCBI GI #	544221
NCBI Accession #	P36911.1
UniProt Primary Accession #	P36911
NCBI Official Full Name	Endo-beta-N-acetylglucosaminidase F1

UniProt Protein Name	Endo-beta-N-acetylglucosaminidase F1
UniProt Synonym Protein Names	Di-N-acetylchitobiosyl beta-N-acetylglucosaminidase F1; Endoglycosidase F1; Mannosyl-glycoprotein endo-beta-N-acetyl-glucosaminidase F1
Protein Family	Endo-beta-N-acetylglucosaminidase
UniProt Gene Name	endOF1
UniProt Comments for endOF1	Endohydrolysis of the di-N-acetylchitobiosyl unit in high-mannose glycopeptides and glycoproteins. Does not hydrolyze complex bi- or triantennary glycans. The presence of a core-bound fucose impedes endo F1 hydrolysis.
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