Mannan Endo-1,4-Beta-Mannosidase 4 (MAN4) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mannan endo-1,4-beta-mannosidase 4 (MAN4), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Mannan endo-1,4-beta-mannosidase 4 (MAN4)
Product Gene Name	MAN4 recombinant protein
Product Synonym Gene Name	MAN4
Sequence	MSSCALVQRP PPWRAAVAPG DGMVAVDGTQ FVVDCGRTIF FSGFNAYWLM MMAADPALRG AVATAFQQAS AHGLNLARTW AFSDGGDQPL QSSPGVYNET MFQGLDFVIA EARRHGIYLL LCLTNNFDNF GGKRQYVRWA GDAGHNLTSD DDFFTSTIVK SYFKNHVKTV LTRVNTLTGV AYKDDPTIFA WELMNEPRCY ADPTGAMVQA WVEEMAPYVK SVDGRHLVTP GLEGFYGAGE HESKELNPWG IYYGTNYVAT HRTAAVDFAT IHLYPDVWLW GSSADEQATF FRNWTRSHID ATAAYLGMPL LVTEYGKFLW KEVGANKAQR NYFLDLVLDA IYASASRGGP LVGGAFWQLL LDGDIVAGMD SLRDGYEIIL AEDSRAASII GEHSEQLAAL NGQDADVLCR RASSHRRTRL GNSLSCGGGD TLELLLRMVL ACFVSLSRSI SSFIVQNFIL L
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	48,491 Da
Sequence Positions	1-461, 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 Q10B67
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MAN4 recombinant protein	MBS1353044 is a recombinant protein targeting MAN4. Also known as Recombinant Oryza sativa subsp. japonica Mannan endo-1,4-beta-mannosidase 4 (MAN4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MAN4 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 MAN4. It may not necessarily be applicable to this product.

NCBI GI #	1002247841
NCBI GeneID	4334653
NCBI Accession #	XP_015628087.1

UniProt Primary Accession #	Q10B67
UniProt Secondary Accession #	Q10B68; Q8SAY2; A0A0P0W5B7
UniProt Related Accession #	Q10B67
GenBank Nucleotide #	XM_015772601.1
NCBI Official Full Name	mannan endo-1,4-beta-mannosidase 4 isoform X1
NCBI Official Symbol	LOC4334653
NCBI Official Synonym Symbols	MAN4; OsMAN4
UniProt Protein Name	Mannan endo-1,4-beta-mannosidase 4
UniProt Synonym Protein Names	Beta-mannanase 4; Endo-beta-1,4-mannanase 4; OsMAN4
Protein Family	Mannan endo-1,4-beta-mannosidase
UniProt Gene Name	MAN4
NCBI Protein Information	mannan endo-1,4-beta-mannosidase 4
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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