Putative Mannan Endo-1,4-Beta-Mannosidase 5 (MAN5) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative mannan endo-1,4-beta-mannosidase 5 (MAN5), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Putative mannan endo-1,4-beta-mannosidase 5 (MAN5)
Product Gene Name	MAN5 recombinant protein
Product Synonym Gene Name	MAN5
Sequence	AAIAVLHESS YWEWRCNRLT DIVVDGDDGD GPSSSEVVDG GGEWGMVRTR GAQFVVGGGR PFYVNGFNTY WLMVLAVDPS TRGKVTEVFR QAAAVGLTVC RTWAFNDGGW RALQKSPGVY DEEVFKALDF VVSEARKHKI RLILPLINNW DDYGGKAQYV RWAQAAAAGA GADAFFSDET VRGYFKSHVT AVLTRVNAYT GVAYRDDPTI MAWELMNEPR CASDPTGDTL QAWIAEMAFH VKSVDPAHLL GVGAEGFYGP SSPPARLRVN PNADVALAGA DFVRNHRVLG VDFASVHVYP DTWLPAGATK EAQLRFATSW VEAHIADAEG ALGGMPVLFA EFGVSTRGAR AAFNATSRDA FIEAVYGAML RSTRRGGGGA GALLWQVFPE GTDYMDDGYA VVLPRAAATA GIVAAHSRRL QSFNSRCAWS CRWGCNKRDN DTAETTTAEA DVDVSFHHEL
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	53,465 Da
Sequence Positions	32-491, 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 Q5W6G0
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MAN5 recombinant protein	MBS1436513 is a recombinant protein targeting MAN5. Also known as Recombinant Oryza sativa subsp. japonica Putative mannan endo-1,4-beta-mannosidase 5 (MAN5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MAN5 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 MAN5. It may not necessarily be applicable to this product.

NCBI GI #	125951602
NCBI Accession #	Q5W6G0.2
UniProt Primary Accession #	Q5W6G0

UniProt Secondary Accession #	A0A0N7KKI9
NCBI Official Full Name	Putative mannan endo-1,4-beta-mannosidase 5
UniProt Protein Name	Putative mannan endo-1,4-beta-mannosidase 5
UniProt Synonym Protein Names	Beta-mannanase 5; Endo-beta-1,4-mannanase 5; OsMAN5
Protein Family	Mannan endo-1,4-beta-mannosidase
UniProt Gene Name	MAN5
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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