Uncharacterized Mannosyltransferase C19c7.12c (Spbc19c7.12c) (SPBC19C7.12c) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized mannosyltransferase C19C7.12c (SPBC19C7.12c), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Uncharacterized mannosyltransferase C19C7.12c (SPBC19C7.12c)
Product Gene Name	SPBC19C7.12c recombinant protein
Sequence	MVRLPRKFKR VLLLVVLLTL VVFVRFKKQY IPTISVFEGS LIDNRDTLSY FNISNLEPSE RSEWLPNKRV NAAFVTLARN EDLNDLLKSI RKLEKTFNHK YHYGWVFLNN EEFSDEFKEH VIEAVSGKCE FGLVPQEQWS IPEYIDQDKM HENWKKLQEL GILYADKESY RHMCRFESGF FYRHPLVQKY EYYWRVEPSV DFFCDLDFDP FAYMKENNKA YAFTITVTEY SETIPSLWPS TKEFIKMHPN ALHPNNALNF ISNDDGETYN GCHFWTNFEI AKVDFWESEV YSKYFDYLDK SGNFFYERWG DAPVHSIAVS LFADRDNIHF FNEIGYWHPG SGHCPLDDAT RAKCDCDPYE SIDYNGWSCL DKFYTAFEMP FPENWSFYSH
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	46,514 Da
Sequence Positions	1-390, Full length
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 O60160
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPBC19C7.12c recombinant protein	MBS1228104 is a recombinant protein targeting SPBC19C7.12c. Also known as Recombinant Schizosaccharomyces pombe Uncharacterized mannosyltransferase C19C7.12c (SPBC19C7.12c). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPBC19C7.12c 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 SPBC19C7.12c. It may not necessarily be applicable to this product.

NCBI GI #	19112960
NCBI GeneID	2540706
NCBI Accession #	NP_596168.1

UniProt Primary Accession #	O60160
GenBank Nucleotide #	NM_001022088.2
NCBI Official Full Name	alpha-1,2-mannosyltransferase Omh1
NCBI Official Symbol	omh1
UniProt Protein Name	O-glycoside alpha-1,2-mannosyltransferase omh1
UniProt Gene Name	omh1
NCBI Protein Information	alpha-1,2-mannosyltransferase Omh1
UniProt Comments for SPBC19C7.12c	Mannosyltransferase involved in O-glycosylation of cell wall and secreted proteins. Plays a major role in extending alpha-1,2-linked mannose in the O-glycan pathway.
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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