Mating-Type Protein A-3 (mtA-3) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mating-type protein A-3 (mtA-3), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa Mating-type protein A-3 (mtA-3)
Product Gene Name	mtA-3 recombinant protein
Product Synonym Gene Name	mtA-3
Sequence	MSALDVDSIS DIAPGLSPVT AIHYGRIQVM LFRSHLAEFA EEDLVYAMDN SVVVFGEEAL LMVAPDESSI AICTYPFGLM MMEWGNWDIL AVSPPSRTPT IPSESVLGIS NQGGANVEQQ EQSSHTIDMT LPSNFFEQSS VTQSNGTSRP RNQFVLYYQW LLDTLFSEDP SLSARNISQI VAGLWNSEHP AAKARFRELA EMEVHRHRAE NPHLYPDQPR FPTTDPVPPR MRYPCVISPE DRQRILRMLD FVWEESNGQL AAEEAALNDV VQPQQAEEVG PFPDFEWEEP NHIIDMSTDL SVAQDPDFMM TEDDSMRFLL KQAS
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	36,539 Da
Sequence Positions	1-324, 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 Q10116
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtA-3 recombinant protein	MBS1333852 is a recombinant protein targeting mtA-3. Also known as Recombinant Neurospora crassa Mating-type protein A-3 (mtA-3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mtA-3 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 mtA-3. It may not necessarily be applicable to this product.

NCBI GI #	85112345
NCBI GeneID	3880489
NCBI Accession #	XP_964324.1
UniProt Primary Accession #	Q10116
UniProt Secondary Accession #	Q7SE98

UniProt Related Accession #	Q10116
GenBank Nucleotide #	XM_959231.2
NCBI Official Full Name	mating-type protein A-3
NCBI Official Symbol	matA-3
UniProt Protein Name	Mating-type protein A-3
Protein Family	Mating-type protein
UniProt Gene Name	mtA-3
UniProt Synonym Gene Names	Mt A-3
NCBI Protein Information	mating-type protein A-3
UniProt Comments for mtA-3	Required, together with mating-type protein A-2, for efficient ascospore formation.
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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