MADS-Box Transcription Factor 4 (MADS4) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	MADS-box transcription factor 4 (MADS4), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica MADS-box transcription factor 4 (MADS4)
Product Gene Name	MADS4 recombinant protein
Product Synonym Gene Name	MADS4
Sequence	MGRGKIEIKR IENSTNRQVT FSKRRAGILK KAREIGVLCD AEVGVVIFSS AGKLSDYCTP KTTSVFPPLS RILEKYQTNS GKILWDEKHK SLSAEIDRVK KENDNMQIEL RHMKGEDLNS LQPKELIAIE EALNNGQANL RDKMMDHWRM HKRNEKMLED EHKMLAFRVH QQEVELSGGI RELELGYHHD DRDFAASMPF TFRVQPSHPN LQQEK
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	24,381 Da
Sequence Positions	1-215, 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 Q40703
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MADS4 recombinant protein	MBS1348674 is a recombinant protein targeting MADS4. Also known as Recombinant Oryza sativa subsp. japonica MADS-box transcription factor 4 (MADS4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MADS4 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 MADS4. It may not necessarily be applicable to this product.

NCBI GI #	73920927
NCBI Accession #	Q40703.3
UniProt Primary Accession #	Q40703
UniProt Secondary Accession #	Q0DI19; Q60EP4

NCBI Official Full Name	MADS-box transcription factor 4
UniProt Protein Name	MADS-box transcription factor 4
UniProt Synonym Protein Names	OsMADS4
Protein Family	MADS-box transcription factor
UniProt Gene Name	MADS4
UniProt Comments for MADS4	Probable transcription factor involved in the development of floral organs. B-class protein required for normal development of lodicules and stamens (whorls 2 and 3). May function as a heterodimer with MADS16.
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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