Homeobox Protein Knotted-1-Like 8 (OSH43) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Homeobox protein knotted-1-like 8 (OSH43), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Homeobox protein knotted-1-like 8 (OSH43)
Product Gene Name	OSH43 recombinant protein
Product Synonym Gene Name	OSH43
Sequence	MESFASLAGG GSSSTTARLP ELISPENPDH ISPPPLLYQL LAGPESSARQ HGHDGHHHGG GGGEAAAAAV QGQVSPAGAE AAVKAEIMSH PQYSALLAAY LGCKKVGAPP DVLTKLTAVP AAQQLDEADG HPRRRHEPQR DDDPDQLDQF MDAYCSMLTR YREELERPIL EAAEFFSRVE TQLDSLAESN CEGTGSSEEE QDPSDKQLKH QLLRKYGGSL GDLRQVFSKR TKKGKLPKEA RQKLLHWWEL HYKWPYPSEM EKMTLAQTTG LDQKQINNWF INQRKRHWKP TPVAGTAFPT MEAAGGGFRH SGHGGGLAAA AALPLYMGRP FVVDGMYRLG S
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	36,673 Da
Sequence Positions	1-341, 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 Q10ED2
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for OSH43 recombinant protein	MBS1481476 is a recombinant protein targeting OSH43. Also known as Recombinant Oryza sativa subsp. japonica Homeobox protein knotted-1-like 8 (OSH43). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of OSH43 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 OSH43. It may not necessarily be applicable to this product.

NCBI GI #	122246824
NCBI Accession #	Q10ED2.1
UniProt Primary Accession #	Q10ED2
UniProt Secondary Accession #	Q6AU58; Q9XIV5

NCBI Official Full Name	Homeobox protein knotted-1-like 8
UniProt Protein Name	Homeobox protein knotted-1-like 8
UniProt Synonym Protein Names	Homeobox protein OSH43
UniProt Gene Name	OSH43
UniProt Comments for OSH43	Probable transcription factor that may be involved in shoot formation during embryogenesis.
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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