Homeobox-Leucine Zipper Protein HOX1 (HOX1) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Homeobox-leucine zipper protein HOX1 (HOX1), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Homeobox-leucine zipper protein HOX1 (HOX1)
Product Gene Name	HOX1 recombinant protein
Product Synonym Gene Name	HOX1
Sequence	MEMMVHGRRD EQYGGLRLGL GLGLSLGVAG GAADDEQPPP RRGAAPPPQQ QLCGWNGGGL FSSSSSDHRG RSAMMACHDV IEMPFLRGID VNRAPAAETT TTTARGPSCS EEDEEPGASS PNSTLSSLSG KRGAPSAATA AAAAASDDED SGGGSRKKLR LSKDQAAVLE DTFKEHNTLN PKQKAALARQ LNLKPRQVEV WFQNRRARTK LKQTEVDCEL LKRCCETLTD ENRRLHRELQ ELRALKLATA AAAPHHLYGA RVPPPTTLTM CPSCERVASA ATTTRNNSGA APARPVPTRP WPPAAAQRSS A
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	33,143 Da
Sequence Positions	1-311, 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 Q7XC54
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HOX1 recombinant protein	MBS1428380 is a recombinant protein targeting HOX1. Also known as Recombinant Oryza sativa subsp. japonica Homeobox-leucine zipper protein HOX1 (HOX1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HOX1 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 HOX1. It may not necessarily be applicable to this product.

NCBI GI #	1002299748
NCBI GeneID	4349388
NCBI Accession #	XP_015613269.1
UniProt Primary Accession #	Q7XC54

UniProt Secondary Accession #	Q9AUT0; B7EAV9
UniProt Related Accession #	Q7XC54
GenBank Nucleotide #	XM_015757783.1
NCBI Official Full Name	homeobox-leucine zipper protein HOX1
NCBI Official Symbol	LOC4349388
NCBI Official Synonym Symbols	HOX1; OsHox1; OsJ_031189
UniProt Protein Name	Homeobox-leucine zipper protein HOX1
UniProt Synonym Protein Names	HD-ZIP protein HOX1; Homeodomain transcription factor HOX1; OsHox1
Protein Family	Homeobox-leucine zipper protein
UniProt Gene Name	HOX1
NCBI Protein Information	homeobox-leucine zipper protein HOX1
UniProt Comments for HOX1	Probable transcription repressor involved leaf development. Binds to the DNA sequence 5'-CAAT[GC]ATTG-3'. May act as a regulatory switch to specify provascular cell fate.
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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