Heat Stress Transcription Factor A-4b (HSFA4B) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Heat stress transcription factor A-4b (HSFA4B), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Heat stress transcription factor A-4b (HSFA4B)
Product Gene Name	HSFA4B recombinant protein
Product Synonym Gene Name	HSFA4B
Sequence	MEGGGGGGSL PPFLSKTYEM VDDPSTDAVV GWTPAGTSFV VANQPEFCRD LLPKYFKHNN FSSFVRQLNT YGFRKVDPEQ WEFANEDFIK GQRHRLKNIH RRKPIFSHSS HSQGAGPLTD NERKDYEEEI ERLKSDNAAL SSELQNNTLK KLNMEKRMQA LEEKLFVVED QQRSLISYVR EIVKAPGFLS SFVQQQDHHR KKRRLPIPIS FHEDANTQEN QIMPCDLTNS PAQTFYRESF DKMESSLNSL ENFLREASEE FGNDISYDDG VPGPSSTVVL TELHSPGESD PRVSSPPTRM RTSSAGAGDS HSSRDVAEST SCAESPPIPQ MHSRVDTRAK VSEIDVNSEP AVTETGPSRD QPAEEPPAVT PGANDGFWQQ FLTEQPGSSD AHQEAQSERR DGGNKVDEMK SGDRQHLWWG KRNVEQITEK LGLLTSTEKT
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	49,387 Da
Sequence Positions	1-440, 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 Q94J16
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HSFA4B recombinant protein	MBS1382332 is a recombinant protein targeting HSFA4B. Also known as Recombinant Oryza sativa subsp. japonica Heat stress transcription factor A-4b (HSFA4B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HSFA4B 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 HSFA4B. It may not necessarily be applicable to this product.

NCBI GI #	1002225076
NCBI GeneID	4325556

NCBI Accession #	XP_015615651.1
UniProt Primary Accession #	Q94J16
UniProt Secondary Accession #	B7F2T5
UniProt Related Accession #	Q94J16
GenBank Nucleotide #	XM_015760165.1
NCBI Official Full Name	heat stress transcription factor A-4b
NCBI Official Symbol	LOC4325556
NCBI Official Synonym Symbols	HSF9; HSF04; rHsf9; HSFA4B; OsHsf-04
UniProt Protein Name	Heat stress transcription factor A-4b
UniProt Synonym Protein Names	Heat stress transcription factor 4; OsHsf-04; Heat stress transcription factor 9; rHsf9
Protein Family	Heat stress transcription factor
UniProt Gene Name	HSFA4B
UniProt Synonym Gene Names	HSF04; HSF9; OsHsf-04; rHsf9
NCBI Protein Information	heat stress transcription factor A-4b
UniProt Comments for HSFA4B	Transcriptional regulator that specifically binds DNA of heat shock promoter elements (HSE).
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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