Auxin Response Factor 5 (ARF5) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Auxin response factor 5 (ARF5), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Auxin response factor 5 (ARF5), partial
Product Gene Name	ARF5 recombinant protein
Product Synonym Gene Name	ARF5
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	126,760 Da
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 Q6Z2W3
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ARF5 recombinant protein	MBS1345797 is a recombinant protein targeting ARF5. Also known as Recombinant Oryza sativa subsp. japonica Auxin response factor 5 (ARF5), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ARF5 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 ARF5. It may not necessarily be applicable to this product.

NCBI GI #	1002245732
NCBI GeneID	4328265
NCBI Accession #	XP_015627049.1
UniProt Primary Accession #	Q6Z2W3
UniProt Secondary Accession #	Q0E417; A3A309
UniProt Related Accession #	Q6Z2W3
GenBank Nucleotide #	XM_015771563.1
NCBI Official Full Name	auxin response factor 5 isoform X1
NCBI Official Symbol	LOC4328265

NCBI Official Synonym Symbols	ARF5; OsJ_005181; OJ1679_B08.29
UniProt Protein Name	Auxin response factor 5
Protein Family	ADP-ribosylation factor
UniProt Gene Name	ARF5
NCBI Protein Information	auxin response factor 5
UniProt Comments for ARF5	Auxin response factors (ARFs) are transcriptional factors that bind specifically to the DNA sequence 5'-TGTCTC-3' found in the auxin-responsive promoter elements (AuxREs).
Research Articles on ARF5	**1.** OsIAA23-mediated auxin signaling is crucial to the identity of the quiescent center during postembryonic root development.
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