Auxin Response Factor 17 (ARF17) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Auxin response factor 17 (ARF17), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Auxin response factor 17 (ARF17) , partial
Product Gene Name	ARF17 recombinant protein
Product Synonym Gene Name	ARF17
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	63,742 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 Q84WU6
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ARF17 recombinant protein	MBS1342904 is a recombinant protein targeting ARF17. Also known as Recombinant Arabidopsis thaliana Auxin response factor 17 (ARF17) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ARF17 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 ARF17. It may not necessarily be applicable to this product.

NCBI GI #	1063696831
NCBI GeneID	844120
NCBI Accession #	NP_001322496.1
UniProt Primary Accession #	Q84WU6
UniProt Secondary Accession #	Q93ZY5; Q9CA12; Q9SH16; B2CTG7; B2CTG8; B2CTH0
UniProt Related Accession #	Q84WU6
GenBank Nucleotide #	NM_001334800.1
NCBI Official Full Name	auxin response factor 17
NCBI Official Symbol	ARF17

NCBI Official Synonym Symbols	auxin response factor 17; F28K19.6; F28K19_6
UniProt Protein Name	Auxin response factor 17
Protein Family	Auxin response factor
UniProt Gene Name	ARF17
NCBI Protein Information	auxin response factor 17
NCBI Summary for ARF17	Posttranscriptionally regulated by miR160 and is essential for proper development.Regulates early auxin response genes.
UniProt Comments for ARF17	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). Could act as transcriptional activator or repressor. Formation of heterodimers with Aux/IAA proteins may alter their ability to modulate early auxin response genes expression.
Research Articles on ARF17	**1.** ARF17 is essential for pollen wall patterning in Arabidopsis by modulating primexine formation at least partially through direct regulation of CalS5 gene expression.
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