

Auxin response factor 20 (ARF20), Recombinant Protein

Cat *RP05132*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Auxin response factor 20 (ARF20) , partial

Product Gene Name

ARF20 recombinant protein

Product Synonym Gene Name

ARF20

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

66,970 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Auxin response factor

NCBI Accession

Q9C7I9.3

NCBI GI

206729928

NCBI Official Full Name

Auxin response factor 20

UniProt Gene Name

ARF20

UniProt Protein Name

Auxin response factor 20

UniProt Primary Accession

Q9C7I9

UniProt Secondary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Q5IRX2

UniProt Comments

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.

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