

Putative auxin response factor 23 (ARF23), Recombinant Protein

Cat RP05437

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Putative auxin response factor 23 (ARF23)

Product Gene Name

ARF23 recombinant protein

Product Synonym Gene Name

ARF23

Purity

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

Sequence

MESGNVVNVQ SELSGIIDGS KSYMIEQLWK LCAGPLCDIP KLGEKVYYFP QGHIELVEAS TREELNELQP
NCDLPSKLQC RVIAIHLKVE NNSDETYVEI TLMPDTTQVV IPTENENQFR PIVNSFTKVL TASDTSAQGE
FSVPCKHAIE CLPPLDMSQP IPAQELIAID LHGNQWRFKH SYRVPRGDTT GWNAFTTSKK LVVGDVIVFA
RGETGELRVG IR

Sequence Positions

1-222, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

24,821 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

Putative auxin response factor

NCBI Accession

NP_175062.1

NCBI GI

15218584

NCBI GenBank Nucleotide

NM_103522.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name

auxin response factor 23

NCBI Official Symbol

ARF23

NCBI Official Synonym Symbols

auxin response factor 23; F9C16.11; F9C16_11

NCBI Protein Information

auxin response factor 23

UniProt Gene Name

ARF23

UniProt Protein Name

Putative auxin response factor 23

UniProt Primary Accession

Q9LP07

UniProt Related Accession

Q9LP07

UniProt Comments

Auxin response factors (ARFs) are transcriptional factors that binds 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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