

# Multiprotein-bridging factor 1b (MBF1B), Recombinant Protein

Cat RP05430

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 Multiprotein-bridging factor 1b (MBF1B)

## Product Gene Name

MBF1B recombinant protein

## Product Synonym Gene Name

MBF1B

## Purity

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

## Sequence

MAGIGPITQD WEPVVIRKRA PNAAAKRDEK TVNAARRSGA DIETVRKFNA GSNKAASSGT SLNTKKLDDD  
TENLSHDRVP TELKKAIMQA RGEKKLTQSQ LAHLINEKPQ VIQEYESGKA IPNQILSKL ERALGAKLRG KK

## Sequence Positions

1-142, 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

15,582 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

Multiprotein-bridging factor

## NCBI Accession #

NP\_191427.1

## NCBI GI #

15231105

## NCBI GenBank Nucleotide #

NM\_115730.4

## NCBI GeneID

825037

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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## NCBI Official Full Name

multiprotein bridging factor 1B

## NCBI Official Symbol

MBF1B

## NCBI Official Synonym Symbols

ATMBF1B; multiprotein bridging factor 1B; MULTIPROTEIN BRIDGING FACTOR 1B

## NCBI Protein Information

multiprotein bridging factor 1B

## NCBI Summary

One of three genes in *A. thaliana* encoding multiprotein bridging factor 1, a highly conserved transcriptional coactivator. May serve as a bridging factor between a bZIP factor and TBP. Its expression is developmentally regulated.

## UniProt Gene Name

MBF1B

## UniProt Protein Name

Multiprotein-bridging factor 1b

## UniProt Primary Accession #

Q9LXT3

## UniProt Related Accession #

Q9LXT3

## UniProt Comments

Transcriptional coactivator that stimulates transcriptional activity by bridging regulatory proteins and TBP, thereby recruiting TBP to promoters occupied by DNA-binding regulators.

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