

# Ethylene-responsive transcription factor 11 (ERF11), Recombinant Protein

Cat      *RP05438*

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* Ethylene-responsive transcription factor 11 (ERF11)

## Product Gene Name

ERF11 recombinant protein

## Product Synonym Gene Name

ERF11

## Purity

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

## Sequence

MAPTVKTA AV KTNEGNGVRY RGVKRPWGR YAAEIRDPFK KSRVWLGTFD TPEEAARAYD KRAIEFRGAK  
AKTNFPCYNI NAHCLSLTQS LSQSSTVESS FPNLNLGSDS VSSRFPPFKI QVKAGMMVFD ERSESDSSSV  
VMDVVRYEGR RVVLDLNLNPPPPEN

## Sequence Positions

1-166, 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

18,612 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

Ethylene-responsive transcription factor

## NCBI Accession #

NP\_001319098.1

## NCBI GI #

1063686961

## NCBI GenBank Nucleotide #

NM\_001332812.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Ethylene-responsive transcription factor 11 (ERF11), Recombinant Protein

Cat      *RP05438*

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)

## NCBI GeneID

839733

## NCBI Official Full Name

ERF domain protein 11

## NCBI Official Symbol

ERF11

## NCBI Official Synonym Symbols

ATERF11; ERF domain protein 11; ERF DOMAIN PROTEIN 11; F3M18.20; F3M18\_20

## NCBI Protein Information

ERF domain protein 11

## NCBI Summary

encodes a member of the ERF (ethylene response factor) subfamily B-1 of ERF/AP2 transcription factor family. The protein contains one AP2 domain. There are 15 members in this subfamily including ATERF-3, ATERF-4, ATERF-7, and leafy petiole.

## UniProt Gene Name

ERF11

## UniProt Synonym Gene Names

ERF-11; ERF076; AtERF11; EREBP-11

## UniProt Protein Name

Ethylene-responsive transcription factor 11

## UniProt Synonym Protein Names

Ethylene-responsive element-binding factor 11; EREBP-11

## UniProt Primary Accession #

Q9C5I3

## UniProt Secondary Accession #

Q9SGN4

## UniProt Related Accession #

Q9C5I3

## UniProt Comments

Involved in the regulation of gene expression by stress factors and by components of stress signal transduction pathways. Transcription factor that binds to the GCC-box pathogenesis-related promoter element. Acts as a transcriptional inhibitor and may regulate other AtERFs .

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**