

ABSCISIC ACID-INSENSITIVE 5-like protein 6 (ABF3), Recombinant Protein

Cat RP01066

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

mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana ABSCISIC ACID-INSENSITIVE 5-like protein 6 (ABF3)

Product Gene Name

ABF3 recombinant protein

Product Synonym Gene Name

ABF3

Purity

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

Sequence

MGSRLNFKSF VDGVSEQQPT VGTSLPLTRQ NSVFSLTFDE FQNSWGGGIG KDFGSMNMDE LLKNIWTAEE
SHSMMGNNTS YTNISNGNSG NTVINGGGNN IGGLAVGVGG ESGGFFTGGG LQRQGSALTLP RTISQKRVD
VWKELMKEDD IGNGVVNGGT SGIPQRQQL GEMTLEEFV RAGVVREEPQ PVESVTNFNG GFYGFSGNGG
LGTASNGFVA NQPQDLGNG VAVRQDLLTA QTQPLQMQLP QMVQQPQMVQ QPQQLIQTQE RPFQKQTIA
FSNTVDVVNR SQPATQCQEV KPSILGIHH PMNNLLQAV DFKTGVTVA VSPGSQMSPD LTPKSALDAS
LSPVPYMFGR VRKTGAVLEK VIERRQKRM KNRESAARS ARKQAYTMEL EAEIAQLKEL NEELQKKQVE
IMEKQKNQLL EPLRQPWGMG CKRQCLRRTL TGPW

Sequence Positions

1-454, 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

48,905 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

ABSCISIC ACID-INSENSITIVE 5-like protein

NCBI Accession

NP_001031785.2

NCBI GI

145323593

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP01066*

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

mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GenBank Nucleotide #
NM_001036708.3

NCBI GeneID

829547

NCBI Official Full Name

abscisic acid responsive elements-binding factor 3

NCBI Official Symbol

ABF3

NCBI Official Synonym Symbols

abscisic acid responsive elements-binding factor 3; AtABF3; DC3 PROMOTER-BINDING FACTOR 5; DPBF5; F17I5.200

NCBI Protein Information

abscisic acid responsive elements-binding factor 3

NCBI Summary

Encodes an ABA-responsive element-binding protein with similarity to transcription factors that is expressed in response to stress and abscisic acid.

UniProt Gene Name

ABF3

UniProt Synonym Gene Names

BZIP37; DPBF5; ABRE-binding factor 3; AtDPBF5; AtbZIP37

UniProt Protein Name

ABSCISIC ACID-INSENSITIVE 5-like protein 6

UniProt Synonym Protein Names

Abscisic acid responsive elements-binding factor 3; ABRE-binding factor 3; Dc3 promoter-binding factor 5; AtDPBF5; bZIP transcription factor 37; AtbZIP37

UniProt Primary Accession

Q9M7Q3

UniProt Secondary Accession

O49503; O49504; Q9C5Q1

UniProt Related Accession

Q9M7Q3

UniProt Comments

Binds to the ABA-responsive element (ABRE). Mediates stress-responsive ABA signaling.

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