Transcription factor MYB48 (MYB48), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP05052*

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)/ 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 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 Transcription factor MYB48 (MYB48)

Product Gene Name
MYB48 recombinant protein

Product Synonym Gene Name
MYB48

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

Sequence
MMQEEGNRKG PWTEQEDILL VNFVHLFGDR RWDFIAKVSG LNRTGKSCRL RWVNYLHPGL KRGKMTPQEE RLVLELHAKW GNRWSKIARK LPGRTDNEIK NYWRTHMRKK AQEKKRPVSP TSSFSNCSSS SVTTTTTNTQ DTSCHSRKSS GEVSFYDTGG SRSTREMNQE NEDVYSLDDI WREIDHSAVN IIKPVKDIYS EQSHCLSYPN LASPSWESSL DSIWNMDADK SKISSYFAND QFPFCFQHSR SPWSSG

Sequence Positions
1-256, 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
10,437 Da

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

Protein Family
Transcription factor

NCBI Accession
NP_001030816.1

NCBI GI
79314378

NCBI GenBank Nucleotide
NM_001035739.2

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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https://www.cd-biosciences.com/plant-protein/

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823756

NCBI Official Full Name
myb domain protein 48

NCBI Official Symbol
MYB48

NCBI Official Synonym Symbols
ATMYB48; ATMYB48-1; ATMYB48-2; ATMYB48-3; myb domain protein 111; myb domain protein 48; MYB111; PFG3; PRODUCTION OF FLAVONOL GLYCOSIDES 3

NCBI Protein Information
myb domain protein 48

NCBI Summary
Encodes a putative transcription factor (MYB48) that functions to regulate flavonol biosynthesis primarily in cotyledons.

UniProt Gene Name
MYB48

UniProt Synonym Gene Names
AtMYB48

UniProt Protein Name
Transcription factor MYB48

UniProt Synonym Protein Names
Myb-related protein 48; AtMYB48

UniProt Primary Accession
Q9LX82

UniProt Secondary Accession
Q4JL82; Q67YJ3

UniProt Comments
Transcription factor.

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