

Methyl-CpG-binding domain-containing protein 3 (MBD3), Recombinant Protein

Cat *RP01011*

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-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Species

Full Product Name

Recombinant Arabidopsis thaliana Methyl-CpG-binding domain-containing protein 3 (MBD3)

Product Gene Name

MBD3 recombinant protein

Product Synonym Gene Name

MBD3

Purity

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

Sequence

MCVVKTTLID SYAAQCWKCL KVRISIESQED YEEIRSKTLE KFFECKRCEE PGDMVMNFDS LTMRWFQDEH
SIPKTPQGLK RVLVVRTNCV KVDVYYESLA PRRKRFSIK EVATFIEDKE EFKDMTLEEV SFAAPKRLKL
KKKPVDSSHSS SRNTEEDGVS RDA

Sequence Positions

1-163, 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

19,103 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

Methyl-CpG-binding domain protein

NCBI Accession

NP_567177.1

NCBI GI

18411327

NCBI GenBank Nucleotide

NM_116266.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

828069

NCBI Official Full Name

methyl-CPG-binding domain 3

NCBI Official Symbol

MBD3

NCBI Official Synonym Symbols

methyl-CPG-binding domain 3

NCBI Protein Information

methyl-CPG-binding domain 3

NCBI Summary

Protein containing methyl-CpG-binding domain.Has sequence similarity to human MBD proteins.

UniProt Gene Name

MBD3

UniProt Synonym Gene Names

AtMBD3; MBD03

UniProt Protein Name

Methyl-CpG-binding domain-containing protein 3

UniProt Synonym Protein Names

Methyl-CpG-binding protein MBD3

UniProt Primary Accession

Q4PSK1

UniProt Related Accession

Q4PSK1

UniProt Comments

Probable transcriptional regulator.

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