

Methyl-CpG-binding domain-containing protein 1 (MBD1), Recombinant Protein

Cat RP01953

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 Methyl-CpG-binding domain-containing protein 1 (MBD1)

Product Gene Name

MBD1 recombinant protein

Product Synonym Gene Name

MBD1

Purity

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

Sequence

MLPFPAMNLK KSRSENSVA SSGSKIEEQT EKSAEPTTIK VQKKAGTPGR SIDVFAVQCE KCMKWRKIDT
QDEYEDIRSR VQEDPFFCKT KEGVSCEDVG DLNYDSSRTW VIDKPGLPRT PRGFKRSLIL RKDYSKMDAY
YITPTGKKLK SRNEIAAFID ANQDYKYALL GDFNFTVPKV MEETVPSGIL SDRTPKPSRK VTID

Sequence Positions

1-204, 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

23,152 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_567667.2

NCBI GI

30685914

NCBI GenBank Nucleotide

NM_118401.6

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

828371

NCBI Official Full Name

methyl-CPG-binding domain 1

NCBI Official Symbol

MBD1

NCBI Official Synonym Symbols

methyl-CPG-binding domain 1

NCBI Protein Information

methyl-CPG-binding domain 1

NCBI Summary

Protein containing methyl-CpG-binding domain.

UniProt Gene Name

MBD1

UniProt Synonym Gene Names

AtMBD1; MBD01

UniProt Protein Name

Methyl-CpG-binding domain-containing protein 1

UniProt Synonym Protein Names

Methyl-CpG-binding protein MBD1

UniProt Primary Accession

Q5XEN5

UniProt Secondary Accession

O49655

UniProt Related Accession

Q5XEN5

UniProt Comments

Probable transcriptional regulator.

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