

Methyl-CpG-binding domain-containing protein 10 (MBD10), Recombinant Protein

Cat *RP05364*

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)/ 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 10 (MBD10)

Product Gene Name

MBD10 recombinant protein

Product Synonym Gene Name

MBD10

Purity

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

Sequence

MENTDELVSI ELPAPASWKK LFYPKRAGTP RKTEIVFVAP TGEEISSRKQ LEQYLKAHPG NPVISEFEWT
TGETPRRSSR ISQKVKATTP TPDKEPLLKK RRSLTKKDN KEAAEKNEEA AVKENMDVDK DGKTENAEAE
KEKEKEGVTE IAEAENENNE GEKTEAEKVN KEKEKTEAGK EGQTEIAEAE KEKEGEKAEA ENKEAEVVRD
KKESMEVDTS ELEKKAGSGE GAEPSKVEG LKSTEMKEAQ EVVTEADVEK KPAAEKTENK GSVTTEANGE
QNVTLGEPNL DADAEADKGK ESKEYDEKTT EAEANKENDT QESDEKKTEA AANKENETQE SDVKKTEAAV
AEEKSNDMKA EDTNRSLEAN QVQQQQGAAA SVSC

Sequence Positions

1-384, 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

36,502 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-containing protein

NCBI Accession

NP_001185003.1

NCBI GI

334182598

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GenBank Nucleotide

NM_001198074.1

NCBI GeneID

838103

NCBI Official Full Name

methyl-CPG-binding domain 10

NCBI Official Symbol

MBD10

NCBI Official Synonym Symbols

F9L1.28; F9L1_28; methyl-CPG-binding domain 10

NCBI Protein Information

methyl-CPG-binding domain 10

NCBI Summary

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

UniProt Gene Name

MBD10

UniProt Synonym Gene Names

AtMBD10; MBD10

UniProt Protein Name

Methyl-CpG-binding domain-containing protein 10

UniProt Synonym Protein Names

Methyl-CpG-binding protein MBD10

UniProt Primary Accession

Q9XI36

UniProt Secondary Accession

Q0WLE9

UniProt Related Accession

Q9XI36

UniProt Comments

Probable transcriptional regulator . Required for nucleolar dominance that consist in the silencing of rRNA genes inherited from one progenitor in genetic hybrids.

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