

DNA (cytosine-5)-methyltransferase 1B (MET1B), Recombinant Protein

Cat *RP12785*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* DNA (cytosine-5)-methyltransferase 1B, partial

Product Gene Name

MET1B recombinant protein

Purity

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

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

167,208 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

DNA

NCBI Accession

XP_015645008.1

NCBI GI

1002281417

NCBI GenBank Nucleotide

XM_015789522.1

NCBI GeneID

4342575

NCBI Official Full Name

DNA (cytosine-5)-methyltransferase 1B

NCBI Official Symbol

LOC4342575

NCBI Official Synonym Symbols

MET1; MET1B; MET1-2; OsMET1b; OsMET1-2; OJ1506_G02.17

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP12785*

NCBI Protein Information

DNA (cytosine-5)-methyltransferase 1B

UniProt Gene Name

MET1B

UniProt Synonym Gene Names

MET1-2; OsMET1b; OsMET1-2

UniProt Protein Name

DNA (cytosine-5)-methyltransferase 1B

UniProt Synonym Protein Names

DNA methyltransferase 1-2; OsMET1-2

UniProt Primary Accession

B1Q3J6

UniProt Secondary Accession

Q69W70; Q7PC77; A0A0P0X2V1; B1Q3J7

UniProt Related Accession

B1Q3J6

UniProt Comments

Probably methylates CpG residues and maintains DNA methylation.

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