

DNA replication licensing factor MCM3 homolog (MCM3), Recombinant Protein

Cat *RP02071*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* DNA replication licensing factor MCM3 homolog (MCM3) , partial

Product Gene Name

MCM3 recombinant protein

Product Synonym Gene Name

MCM3

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

86,357 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 replication licensing factor

NCBI Accession

NP_199440.1

NCBI GI

15237411

NCBI GenBank Nucleotide

NM_123997.3

NCBI GeneID

834670

NCBI Official Full Name

Minichromosome maintenance (MCM2/3/5) family protein

NCBI Official Symbol

MCM3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

DNA replication licensing factor MCM3 homolog (MCM3), Recombinant Protein

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NCBI Official Synonym Symbols

MINICHROMOSOME MAINTENANCE 3; MPL12.6; MPL12_6

NCBI Protein Information

Minichromosome maintenance (MCM2/3/5) family protein

UniProt Gene Name

MCM3

UniProt Synonym Gene Names

AtMCM3

UniProt Protein Name

DNA replication licensing factor MCM3

UniProt Synonym Protein Names

Minichromosome maintenance protein 3; AtMCM3

UniProt Primary Accession

Q9FL33

UniProt Secondary Accession

O65400

UniProt Related Accession

Q9FL33

UniProt Comments

Probable component of the MCM2-7 complex (MCM complex) that may function as a DNA helicase and which is essential to undergo a single round of replication initiation and elongation per cell cycle in eukaryotic cells.

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