DNA replication licensing factor MCM3 homolog 1 (ROA1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP10371*

Species
Zea mays (Maize)

Full Product Name
Recombinant Zea mays DNA replication licensing factor MCM3 homolog 1 (ROA1), partial

Product Gene Name
ROA1 recombinant protein

Product Synonym Gene Name
ROA1

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
85,182 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
DNA replication licensing factor

NCBI Accession
Q43704.2

NCBI GI
148887401

NCBI GeneID
542738

NCBI Official Full Name
DNA replication licensing factor MCM3 homolog 1

NCBI Official Symbol
ROA2

NCBI Official Synonym Symbols
ROA1; ROA3; ROA-1; ROA-3; GRMZM2G100639

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DNA replication licensing factor MCM3 homolog 1 (ROA1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP10371*

NCBI Protein Information
DNA replication licensing factor MCM3 homolog 2

UniProt Gene Name
ROA1

UniProt Synonym Gene Names
ROA; ROA-1

UniProt Protein Name
DNA replication licensing factor MCM3 homolog 1

UniProt Synonym Protein Names
Replication origin activator 1; ROA-1

UniProt Primary Accession
Q43704

UniProt Related Accession
Q43704; Q9SX03; Q9SX04

UniProt Comments
Acts as a factor that allows the DNA to undergo a single round of replication per cell cycle. Required for DNA replication and cell proliferation . May act as a component of the MCM complex which is the putative replicative helicase of the replication licensing system in eukaryotic cells.

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