

DNA mismatch repair protein MSH2 (MUS1), Recombinant Protein

Cat *RP10370*

Species

Zea mays (Maize)

Full Product Name

Recombinant Zea mays DNA mismatch repair protein MSH2 (MUS1), partial

Product Gene Name

MUS1 recombinant protein

Product Synonym Gene Name

MUS1

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

105,071 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.

NCBI Accession

NP_001146301.1

NCBI GI

226506654

NCBI GenBank Nucleotide

NM_001152829.1

NCBI GenID

100279876

NCBI Official Full Name

DNA mismatch repair protein MSH2

NCBI Official Symbol

mus1

NCBI Official Synonym Symbols

GRMZM2G056075

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

DNA mismatch repair protein MSH2 (MUS1), Recombinant Protein

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NCBI Protein Information

DNA mismatch repair protein MSH2

UniProt Gene Name

MUS1

UniProt Protein Name

DNA mismatch repair protein MSH2

UniProt Synonym Protein Names

MUS1

UniProt Primary Accession

Q9XGC9

UniProt Related Accession

Q9XGC9

UniProt Comments

Involved in postreplication mismatch repair. Binds specifically to DNA containing mismatched nucleotides thus providing a target for the excision repair processes characteristic of postreplication mismatch repair .

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