Muts2 Protein (mutS2) Clostridium Phytofermentans Recombinant Protein

PRODUCT OVERVIEW

Product Name	MutS2 protein (mutS2), Recombinant Protein
Full Product Name	Recombinant Clostridium phytofermentans MutS2 protein (mutS2), partial
Product Gene Name	mutS2 recombinant protein
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	88,400 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for A9KR74
Species	Clostridium phytofermentans (strain 700394 / DSM 18823 / ISDg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mutS2 recombinant protein	MBS1259144 is a recombinant protein targeting mutS2. Also known as Recombinant Clostridium phytofermentans MutS2 protein (mutS2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mutS2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for mutS2. It may not necessarily be applicable to this product.

NCBI GI #	501153472
NCBI Accession #	WP_012198185.1
UniProt Primary Accession #	A9KR74
GenBank Nucleotide #	WP_012198185.1
NCBI Official Full Name	endonuclease MutS2
UniProt Protein Name	Endonuclease MutS2
Protein Family	DNA-binding protein
UniProt Gene Name	mutS2
UniProt Comments for mutS2	Endonuclease that is involved in the suppression of homologous recombination and may therefore have a key role in the control of bacterial genetic diversity.

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