Muts2 Protein (mutS2) Recombinant Protein

PRODUCT OVERVIEW

Product Name	MutS2 protein (mutS2), Recombinant Protein
Full Product Name	Recombinant Staphylococcus saprophyticus subsp. saprophyticus MutS2 protein (mutS2), partial
Product Gene Name	mutS2 recombinant protein
Product Synonym Gene Name	mutS2
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	88,386 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 Q49WR1
Species	Staphylococcus saprophyticus subsp. saprophyticus (strain 15305 / DSM 20229)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mutS2 recombinant protein	MBS1478721 is a recombinant protein targeting mutS2. Also known as Recombinant Staphylococcus saprophyticus subsp. saprophyticus 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 #	499622650
NCBI GeneID	3615141
NCBI Accession #	WP_011303384.1
UniProt Primary Accession #	Q49WR1
UniProt Related Accession #	Q49WR1
GenBank Nucleotide #	WP_011303384.1
NCBI Official Full Name	MULTISPECIES: endonuclease MutS2
NCBI Official Symbol	SSP_RS08320
UniProt Protein Name	Endonuclease MutS2

Protein Family	DNA-binding protein
UniProt Gene Name	mutS2
NCBI Protein Information	endonuclease 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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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