DNA Mismatch Repair Protein Muts (mutS) Thiobacillus Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA mismatch repair protein MutS (mutS), Recombinant Protein
Full Product Name	Recombinant Thiobacillus denitrificans DNA mismatch repair protein MutS (mutS), partial
Product Gene Name	mutS recombinant protein
Product Synonym Gene Name	mutS
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	92,213 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 Q3SJP0
Species	Thiobacillus denitrificans (strain 25259)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mutS recombinant protein	MBS1331674 is a recombinant protein targeting mutS. Also known as Recombinant Thiobacillus denitrificans DNA mismatch repair protein MutS (mutS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mutS 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 mutS. It may not necessarily be applicable to this product.

NCBI GI #	499630937
NCBI Accession #	WP_011311671.1
UniProt Primary Accession #	Q3SJP0
GenBank Nucleotide #	WP_011311671.1
NCBI Official Full Name	DNA mismatch repair protein MutS
UniProt Protein Name	DNA mismatch repair protein MutS
Protein Family	DNA mismatch repair protein
UniProt Gene Name	mutS

UniProt Comments for mutS	This protein is involved in the repair of mismatches in DNA. It is possible that it carries out the mismatch recognition step. This protein has a weak ATPase activity.
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