DNA Mismatch Repair Protein Muth (mutH) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA mismatch repair protein mutH (mutH), Recombinant Protein
Full Product Name	Recombinant Escherichia coli DNA mismatch repair protein mutH (mutH)
Product Gene Name	mutH recombinant protein
Product Synonym Gene Name	mutH
Sequence	MSQPRPLLSP PETEEQLLAQ AQQLSGYTLG ELAALAGLVT PENLKRDKGW IGVLLEIWLG ASAGSKPEQD FAALGVELKT IPVDSLGRPL ETTFVCVAPL TGNSGVTWET SHVRHKLKRV LWIPVEGERS IPLAKRRVGS PLLWSPNEEE DRQLREDWEE LMDMIVLGQI ERITARHGEY LQIRPKAANA KALTEAIGAR GERILTLPRG FYLKKNFTSA LLARHFLIQ
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	25,513 Da
Sequence Positions	1-229, Full length protein
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 Q1R7I1
Species	Escherichia coli (strain UTI89 / UPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mutH recombinant protein	MBS1379454 is a recombinant protein targeting mutH. Also known as Recombinant Escherichia coli DNA mismatch repair protein mutH (mutH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mutH 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 mutH. It may not necessarily be applicable to this product.

NCBI GI #	446004328
NCBI Accession #	WP_000082183.1
UniProt Primary Accession #	Q1R7I1
GenBank Nucleotide #	WP_000082183.1
NCBI Official Full Name	MULTISPECIES: DNA mismatch repair protein MutH

UniProt Protein Name	DNA mismatch repair protein MutH
UniProt Synonym Protein Names	Methyl-directed mismatch repair protein
Protein Family	DNA mismatch repair protein
UniProt Gene Name	mutH
UniProt Comments for mutH	Sequence-specific endonuclease that cleaves unmethylated GATC sequences. It is involved in DNA mismatch repair.
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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