Protein Tusc (tusC) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein TusC (tusC), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Protein TusC (tusC)
Product Gene Name	tusC recombinant protein
Product Synonym Gene Name	tusC
Sequence	MKRIAFVFST VPHGTAAGRE GLDALLATSA LTDDLAVFFI ADGVFQLLPG QKPDAVLARD YIATFKLLGL YDIEQCWVCA ASLRERGLDP QTPFVVEATP LEADALRREL ANYDVILRF
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	13,073 Da
Sequence Positions	1-119, 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 Q1R5T9
Species	Escherichia coli (strain UTI89 / UPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tusC recombinant protein	MBS1309236 is a recombinant protein targeting tusC. Also known as Recombinant Escherichia coli Protein TusC (tusC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tusC 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 tusC. It may not necessarily be applicable to this product.

NCBI GI #	446743478
NCBI Accession #	WP_000820734.1
UniProt Primary Accession #	Q1R5T9
GenBank Nucleotide #	WP_000820734.1
NCBI Official Full Name	MULTISPECIES: sulfurtransferase TusC
UniProt Protein Name	Protein TusC

UniProt Synonym Protein Names	tRNA 2-thiouridine synthesizing protein C
Protein Family	Protein
UniProt Gene Name	tusC
UniProt Comments for tusC	Part of a sulfur-relay system required for 2-thiolation of 5-methylaminomethyl-2-thiouridine (mnm5s2U) at tRNA wobble positions.
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