Protein Fmta (fmtA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein fmtA (fmtA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Protein fmtA (fmtA)
Product Gene Name	fmtA recombinant protein
Product Synonym Gene Name	fmtA
Sequence	LIFHRLQTKT HSIDPIHKET KLSDNEKYLV DRNKEKVAPS KLKEVYNSKD PKYKKIDKYL QSSLFNGSVA IYENGKLKMS KGYGYQDFEK GIKNTPNTMF LIGSAQKFST GLLLKQLEEE HKININDPVS KYLPWFKTSK PIPLKDLMLH QSGLYKYKSS KDYKNLDQAV KAIQKRGIDP KKYKKHMYND GNYLVLAKVI EEVTGKSYAE NYYTKIGDPL KLQHTAFYDE QPFKKYLAKG YAYNSTGLSF LRPNILDQYY GAGNLYMTPT DMGKLITQIQ QYKLFSPKIT NPLLHEFGTK QYPDEYRYGF YAKPTLNRLN GGFFGQVFTV YYNDKYVVVL ALNVKGNNEV RIKHIYNDIL KQNKPYNTKG VIVQ
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	46,067 Da
Sequence Positions	24-397, 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 Q7A2T0
Species	Staphylococcus aureus (strain Mu50 / 700699)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fmtA recombinant protein	MBS1444695 is a recombinant protein targeting fmtA. Also known as Recombinant Staphylococcus aureus Protein fmtA (fmtA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fmtA 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 fmtA. It may not necessarily be applicable to this product.

NCBI GI #	446593899
NCBI Accession #	WP_000671245.1
UniProt Primary Accession #	Q7A2T0
GenBank Nucleotide #	WP_000671245.1

NCBI Official Full Name	MULTISPECIES: protein FmtA
UniProt Protein Name	Protein FmtA
Protein Family	Protein
UniProt Gene Name	fmtA
UniProt Synonym Gene Names	fmt
UniProt Comments for fmtA	Affects the methicillin resistance level and autolysis in the presence of Triton X-100 as well as the cell wall structure but its precise function is unknown.
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