Chromosome Partition Protein Muke (mukE) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chromosome partition protein mukE (mukE), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Chromosome partition protein mukE (mukE)
Product Gene Name	mukE recombinant protein
Product Synonym Gene Name	mukE
Sequence	MPVKLAQALA NPLFPALDSA LRSGRHIGLD ELDNHAFLMD FQEYLEEFYA RYNVELIRAP EGFFYLRPRS TTLIPRSVLS ELDMMVGKIL CYLYLSPERL ANEGIFTQQE LYDELLTLAD EAKLLKLVNN RSTGSDVDRQ KLQEKVRSSL NRLRRLGMVW FMGHDSSKFR ITESVFRFGA DVRAGDDPRE AQRRLIRDGE AMPIENHLQL NDETEESQPD SGEEE
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	25,957 Da
Sequence Positions	1-225, 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 Q8ZQB6
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mukE recombinant protein	MBS1422347 is a recombinant protein targeting mukE. Also known as Recombinant Salmonella typhimurium Chromosome partition protein mukE (mukE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mukE 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 mukE. It may not necessarily be applicable to this product.

NCBI GI #	16764353
NCBI GeneID	1252511
NCBI Accession #	NP_459968.1
UniProt Primary Accession #	Q8ZQB6

GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	chromosome partitioning protein MukE
NCBI Official Symbol	mukE
UniProt Protein Name	Chromosome partition protein MukE
Protein Family	Chromosome partition protein
UniProt Gene Name	mukE
NCBI Protein Information	chromosome partitioning protein MukE
UniProt Comments for mukE	Involved in chromosome condensation, segregation and cell cycle progression. May participate in facilitating chromosome segregation by condensation DNA from both sides of a centrally located replisome during cell division. Probably acts via its interaction with MukB and MukF.
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