Chaperone Modulatory Protein Cbpm (cbpM) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chaperone modulatory protein CbpM (cbpM), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Chaperone modulatory protein CbpM (cbpM)
Product Gene Name	cbpM recombinant protein
Product Synonym Gene Name	cbpM
Sequence	MANITVTFTI TEFCLHTGVT EEELNEIVGL GVIEPYEDDN TDWQFDDRAA SVVQRALRLR EELALDWPGI AVALTLLEEN SRLREENRLL LQRLSRFISH P
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	11,625 Da
Sequence Positions	1-101, Full length
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 Q5PGA1
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cbpM recombinant protein	MBS1376077 is a recombinant protein targeting cbpM. Also known as Recombinant Salmonella paratyphi A Chaperone modulatory protein CbpM (cbpM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cbpM 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 cbpM. It may not necessarily be applicable to this product.

NCBI GI #	447206997
NCBI Accession #	WP_001284253.1
UniProt Primary Accession #	Q5PGA1
GenBank Nucleotide #	WP_001284253.1
NCBI Official Full Name	chaperone modulatory protein CbpM
UniProt Protein Name	Chaperone modulatory protein CbpM

Protein Family	Calcium-binding protein
UniProt Gene Name	cbpM
UniProt Comments for cbpM	Interacts with CbpA and inhibits both the DnaJ-like co-chaperone activity and the DNA binding activity of CbpA. Together with CbpA, modulates the activity of the DnaK chaperone system. Does not inhibit the co-chaperone activity of DnaJ.
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