Endo-Type Membrane-Bound Lytic Murein Transglycosylase A (emtA) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endo-type membrane-bound lytic murein transglycosylase A (emtA), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Endo-type membrane-bound lytic murein transglycosylase A (emtA)
Product Gene Name	emtA recombinant protein
Product Synonym Gene Name	emtA
Sequence	CSSKQDYRNP PWNAEVPVKR AMQWMPISEK AGAAWGVDPH LITAIIAIES GGNPNAVSKS NAIGLMQLKA STSGRDVYRR MGWRGEPTTS ELKNPERNIS MGAAYLSILE NGPLAGIKDP QVMQYALVVS YANGAGALLR TFSSDRKKAI EKINDLDADE FFEHVVDNHP APQAPRYIWK LQQALDAM
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	22,427 Da
Sequence Positions	16-203, 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 Q5PN08
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for emtA recombinant protein	MBS1406084 is a recombinant protein targeting emtA. Also known as Recombinant Salmonella paratyphi A Endo-type membrane-bound lytic murein transglycosylase A (emtA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of emtA 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 emtA. It may not necessarily be applicable to this product.

NCBI GI #	446699628
NCBI Accession #	WP_000776974.1
UniProt Primary Accession #	Q5PN08
GenBank Nucleotide #	WP_000776974.1

NCBI Official Full Name	MULTISPECIES: murein transglycosylase
UniProt Protein Name	Endo-type membrane-bound lytic murein transglycosylase A
UniProt Synonym Protein Names	Peptidoglycan lytic endotransglycosylase
Protein Family	Endo-type membrane-bound lytic murein transglycosylase
UniProt Gene Name	emtA
UniProt Comments for emtA	Murein-degrading enzyme. May play a role in recycling of muropeptides during cell elongation and/or cell division. Preferentially cleaves at a distance of more than two disaccharide units from the ends of the glycan chain.
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