Macrodomain Ter Protein (matP) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Macrodomain Ter protein (matP), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Macrodomain Ter protein (matP)
Product Gene Name	matP recombinant protein
Product Synonym Gene Name	matP
Sequence	MKYQQLENLE SGWKWKYLVK KHREGELITR YVEASAAQEA VNLLLALENE PVRVNVWIDR HMNPALLNRM KQTIRARRKR HFNAEHQHTR KKSIDLEFMV WQRLAGLAQR RGKTLSETIV QLIEDAEHKE KYATQMTTLK QDLQALLGKK
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	17,801 Da
Sequence Positions	1-150, 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 Q8ZQ68
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for matP recombinant protein	MBS1336583 is a recombinant protein targeting matP. Also known as Recombinant Salmonella typhimurium Macrodomain Ter protein (matP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of matP 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 matP. It may not necessarily be applicable to this product.

NCBI GI #	16764428
NCBI GeneID	1252587
NCBI Accession #	NP_460043.1
UniProt Primary Accession #	Q8ZQ68
UniProt Related Accession #	Q8ZQ68
GenBank Nucleotide #	NC_003197.2

NCBI Official Full Name	Ter macrodomain-binding protein MatP
NCBI Official Symbol	ycbG
UniProt Protein Name	Macrodomain Ter protein
Protein Family	Macrodomain Ter protein
UniProt Gene Name	matP
NCBI Protein Information	Ter macrodomain-binding protein MatP
UniProt Comments for matP	Required for spatial organization of the terminus region of the chromosome (Ter macrodomain) during the cell cycle. Prevents early segregation of duplicated Ter macrodomains during cell division. Binds specifically to matS, which is a 13 bp signature motif repeated within the Ter macrodomain.
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