Peptide Methionine Sulfoxide Reductase Msrb (msrB) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Peptide methionine sulfoxide reductase MsrB (msrB), Recombinant Protein
Full Product Name	Recombinant Yersinia enterocolitica serotype O:8 / biotype 1B Peptide methionine sulfoxide reductase MsrB (msrB)
Product Gene Name	msrB recombinant protein
Sequence	MAKELNPTEN IEKLTDIQRH VTQLRGTEAP FSGKLLHNKR EGVYQCLCCH QPLFISESKF DSGCGWPSFY QPLDAESIRY IDDYSHNMHR VEIRCGHCDA HLGHVFSDGP QPTGERYCVN SASLNFVDDQ NGEQIPG
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	15,524 Da
Sequence Positions	1-137, 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 A1JQG8
Species	Yersinia enterocolitica serotype O:8 / biotype 1B (strain 8081)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for msrB recombinant protein	MBS1217876 is a recombinant protein targeting msrB. Also known as Recombinant Yersinia enterocolitica serotype O:8 / biotype 1B Peptide methionine sulfoxide reductase MsrB (msrB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of msrB 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 msrB. It may not necessarily be applicable to this product.

NCBI GI #	491304904
NCBI Accession #	WP_005162907.1
UniProt Primary Accession #	A1JQG8
GenBank Nucleotide #	WP_005162907.1
NCBI Official Full Name	peptide-methionine (R)-S-oxide reductase
UniProt Protein Name	Peptide methionine sulfoxide reductase MsrB
UniProt Synonym Protein Names	Peptide-methionine (R)-S-oxide reductase

Protein Family	Peptide methionine sulfoxide reductase
UniProt Gene Name	msrB
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