Adapter Protein Meca (mecA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Adapter protein mecA (mecA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Adapter protein mecA (mecA)
Product Gene Name	mecA recombinant protein
Product Synonym Gene Name	mecA
Sequence	MRIERVDDTT VKLFITYSDI EARGFSREDL WTNRKRGEEF FWSMMDEINE EEDFVVEGPL WIQVHAFEKG VEVTISKSKN EDMMNMSDDD ATDQFDEQVQ ELLAQTLEGE DQLEELFEQR TKEKEAQGSK RQKSSARKNT RTIIVKFNDL EDVINYAYHT NPITTEFEDL LYMVDGTYYY AVHFDSHVDQ EVINDSYSQL LEFAYPTDRT EVYLNDYAKI IMSHNVTAQV RRYFPETTE
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	28,313 Da
Sequence Positions	1-239, 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 Q2YWY4
Species	Staphylococcus aureus (strain bovine RF122 / ET3-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mecA recombinant protein	MBS1329500 is a recombinant protein targeting mecA. Also known as Recombinant Staphylococcus aureus Adapter protein mecA (mecA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mecA 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 mecA. It may not necessarily be applicable to this product.

NCBI GI #	447140477
NCBI Accession #	WP_001217733.1
UniProt Primary Accession #	Q2YWY4
GenBank Nucleotide #	WP_001217733.1
NCBI Official Full Name	adaptor protein MecA

UniProt Protein Name	Adapter protein MecA
Protein Family	Adapter protein
UniProt Gene Name	mecA
UniProt Comments for mecA	Enables the recognition and targeting of unfolded and aggregated proteins to the ClpC protease or to other proteins involved in proteolysis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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