Virulence Factor Esxa (esxA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Virulence factor esxA (esxA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Virulence factor esxA (esxA)
Product Gene Name	esxA recombinant protein
Product Synonym Gene Name	esxA
Sequence	MAMIKMSPEE IRAKSQSYGQ GSDQIRQILS DLTRAQGEIA ANWEGQAFSR FEEQFQQLSP KVEKFAQLLE EIKQQLNSTA DAVQEQDQQL SNNFGLQ
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	11,036 Da
Sequence Positions	1-97, 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 Q7A1V4
Species	Staphylococcus aureus (strain MW2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for esxA recombinant protein	MBS1421733 is a recombinant protein targeting esxA. Also known as Recombinant Staphylococcus aureus Virulence factor esxA (esxA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of esxA 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 esxA. It may not necessarily be applicable to this product.

NCBI GI #	447163570
NCBI Accession #	WP_001240826.1
UniProt Primary Accession #	Q7A1V4
GenBank Nucleotide #	WP_001240826.1
NCBI Official Full Name	MULTISPECIES: virulence factor EsxA
UniProt Protein Name	ESAT-6 secretion system extracellular protein A

Protein Family	6 kDa early secretory antigenic target
UniProt Gene Name	esxA
UniProt Synonym Gene Names	Ess extracellular protein A
UniProt Comments for esxA	Virulence factor that is important for the establishment of infection in the host.
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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