Transcriptional Regulatory Protein Srra (srrA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcriptional regulatory protein srrA (srrA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Transcriptional regulatory protein srrA (srrA)
Product Gene Name	srrA recombinant protein
Product Synonym Gene Name	srrA
Sequence	MSNEILIVDD EDRIRRLLKM YLERESFEIH EASNGQEAYE LAMENNYACI LLDLMLPEMD GIQVATKLRE HKQTPIIMLT AKGEETNRVE GFESGADDYI VKPFSPREVV LRVKALLRRT QSTTVEQSEP HARDVIEFKH LEIDNDAHRV LADNQEVNLT PKEYELLIYL AKTPNKVFDR EQLLKEVWHY EFYGDLRTVD THVKRLREKL NRVSSEAAHM IQTVWGVGYK FEVKSNDEPA K
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	28,161 Da
Sequence Positions	1-241, 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 Q5HFT0
Species	Staphylococcus aureus (strain COL)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for srrA recombinant protein	MBS1332839 is a recombinant protein targeting srrA. Also known as Recombinant Staphylococcus aureus Transcriptional regulatory protein srrA (srrA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of srrA 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 srrA. It may not necessarily be applicable to this product.

NCBI GI #	445986223
NCBI Accession #	WP_000064078.1
UniProt Primary Accession #	Q5HFT0
GenBank Nucleotide #	WP_000064078.1

NCBI Official Full Name	MULTISPECIES: DNA-binding response regulator
UniProt Protein Name	Transcriptional regulatory protein SrrA
UniProt Synonym Protein Names	Staphylococcal respiratory response protein A
Protein Family	Transcriptional regulatory protein
UniProt Gene Name	srrA
UniProt Comments for srrA	Member of the two-component regulatory system SrrA/SrrB, which is involved in the global regulation of staphylococcal virulence factors in response to environmental oxygen levels. SrrA binds to the agr, spa and tst promoters and represses their transcription, particularly under low-oxygen conditions. Activates its own expression ().
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