Probable Transglycosylase Isaa (isaA) Staphylococcus Epidermidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable transglycosylase isaA (isaA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus epidermidis Probable transglycosylase isaA (isaA)
Product Gene Name	isaA recombinant protein
Product Synonym Gene Name	isaA
Sequence	SETTNVDKAH LVDLAQHNPE ELNAKPVQAG AYDIHFVDNG YQYNFTSNGS EWSWSYAVAG SDADYTESSS NQEVSANTQS SNTNVQAVSA PTSSESRSYS TSTTSYSAPS HNYSSHSSSV RLSNGNTAGS VGSYAAAQMA ARTGVSASTW EHIIARESNG QLHARNASGA AGLFQTMPGW GSTGSVNDQI NAAYKAYKAQ GLSAWGM
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	24,547 Da
Sequence Positions	29-235, 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 Q5HL49
Species	Staphylococcus epidermidis (strain 35984 / RP62A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for isaA recombinant protein	MBS1315062 is a recombinant protein targeting isaA. Also known as Recombinant Staphylococcus epidermidis Probable transglycosylase isaA (isaA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of isaA 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 isaA. It may not necessarily be applicable to this product.

NCBI GI #	488368687
NCBI Accession #	WP_002438072.1
UniProt Primary Accession #	Q5HL49
GenBank Nucleotide #	WP_002438072.1
NCBI Official Full Name	MULTISPECIES: transglycosylase IsaA
UniProt Protein Name	Probable transglycosylase IsaA

UniProt Synonym Protein Names	Immunodominant staphylococcal antigen A
Protein Family	Probable transglycosylase
UniProt Gene Name	isaA
UniProt Comments for isaA	Is able to cleave peptidoglycan.
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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