Fibronectin-Binding Protein A (fnbA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fibronectin-binding protein A (fnbA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Fibronectin-binding protein A (fnbA), partial
Product Gene Name	fnbA recombinant protein
Product Synonym Gene Name	fnbA
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	111,709 Da
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 Q5HD51
Species	Staphylococcus aureus (strain COL)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fnbA recombinant protein	MBS1420479 is a recombinant protein targeting fnbA. Also known as Recombinant Staphylococcus aureus Fibronectin-binding protein A (fnbA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fnbA 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 fnbA. It may not necessarily be applicable to this product.

NCBI GI #	446717276
NCBI Accession #	WP_000794589.1
UniProt Primary Accession #	Q5HD51
GenBank Nucleotide #	WP_000794589.1
NCBI Official Full Name	fibronectin-binding protein A
UniProt Protein Name	Fibronectin-binding protein A
Protein Family	Fibronectin-binding protein
UniProt Gene Name	fnbA

UniProt Comments for fnbA	Promotes bacterial attachment to multiple substrates, such as fibronectin (Fn), fibrinogen (Fg), elastin peptides and tropoelastin. This confers to S.aureus the ability to invade endothelial cells. Promotes adherence to and aggregation of activated platelets ().
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