Protein Translocase Subunit Seca (secA) Shigella Flexneri Serotype 5b Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein translocase subunit SecA (secA), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri serotype 5b Protein translocase subunit SecA (secA), partial
Product Gene Name	secA recombinant protein
Product Synonym Gene Name	secA
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	102,023 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 Q0T899
Species	Shigella flexneri serotype 5b (strain 8401)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for secA recombinant protein	MBS1311568 is a recombinant protein targeting secA. Also known as Recombinant Shigella flexneri serotype 5b Protein translocase subunit SecA (secA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of secA 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 secA. It may not necessarily be applicable to this product.

NCBI GI #	446828533
NCBI Accession #	WP_000905789.1
UniProt Primary Accession #	Q0T899
GenBank Nucleotide #	WP_000905789.1
NCBI Official Full Name	MULTISPECIES: protein translocase subunit SecA
UniProt Protein Name	Protein translocase subunit SecA
Protein Family	Protein translocase
UniProt Gene Name	secA

UniProt Comments for secA	Part of the Sec protein translocase complex. Interacts with the SecYEG preprotein conducting channel. Has a central role in coupling the hydrolysis of ATP to the transfer of proteins into and across the cell membrane, serving both as a receptor for the preprotein-SecB complex and as an ATP-driven molecular motor driving the stepwise translocation of polypeptide chains across the membrane.
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