Protein-Export Protein Secb (secB) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein-export protein SecB (secB), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides Protein-export protein SecB (secB)
Product Gene Name	secB recombinant protein
Product Synonym Gene Name	secB
Sequence	MTDANGAPAE AAPQIRMQVL AQYVRDMSFE NMVAQKGLQG GDVQPDIQVQ VSLDARKRSV EHQYEVITKF KVTSKNKSGS AETLFLLELD YGGIFHVENV PEDQLHPFLL IECPRLLFPF VRRIISDVTR DGGFPPLNVD TVDFLALYRM ELARRAEAQK AAQPVQ
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	18,659 Da
Sequence Positions	1-166, 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 Q3IYG6
Species	Rhodobacter sphaeroides (strain 17023 / 2.4.1 / NCIB 8253 / DSM 158)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for secB recombinant protein	MBS1350600 is a recombinant protein targeting secB. Also known as Recombinant Rhodobacter sphaeroides Protein-export protein SecB (secB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of secB 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 secB. It may not necessarily be applicable to this product.

NCBI GI #	488809337
NCBI Accession #	WP_002721743.1
UniProt Primary Accession #	Q3IYG6
GenBank Nucleotide #	WP_002721743.1
NCBI Official Full Name	MULTISPECIES: protein-export protein SecB
UniProt Protein Name	Protein-export protein SecB

Protein Family	Protein-export protein
UniProt Gene Name	secB
UniProt Comments for secB	One of the proteins required for the normal export of preproteins out of the cell cytoplasm. It is a molecular chaperone that binds to a subset of precursor proteins, maintaining them in a translocation-competent state. It also specifically binds to its receptor SecA.
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