Sec-Independent Protein Translocase Protein Tatb (tatB) Mycobacterium Vanbaalenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sec-independent protein translocase protein TatB (tatB), Recombinant Protein
Full Product Name	Recombinant Mycobacterium vanbaalenii Sec-independent protein translocase protein TatB (tatB), partial
Product Gene Name	tatB recombinant protein
Sequence	MFANVGWGEM LVLVIAGLVI LGPERLPGAI RWTAGAVRQA RDYVTGATSQ LREELGTDFD DLREPLSELQ RLRGMTPRAA LTKHLLDGDD SIFTGKFDQN GKSEKPEQKP EKPQSAPGPA AAVPDQPAGG RSGSTPYDTD AT
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	15,216 Da
Sequence Positions	1-142
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 A1TDL8
Species	Mycobacterium vanbaalenii (strain DSM 7251 / PYR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tatB recombinant protein	MBS1093029 is a recombinant protein targeting tatB. Also known as Recombinant Mycobacterium vanbaalenii Sec-independent protein translocase protein TatB (tatB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tatB 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 tatB. It may not necessarily be applicable to this product.

NCBI GI #	500105641
NCBI Accession #	WP_011781646.1
UniProt Primary Accession #	A1TDL8
GenBank Nucleotide #	WP_011781646.1
NCBI Official Full Name	twin-arginine translocase subunit TatB
UniProt Protein Name	Sec-independent protein translocase protein TatB
Protein Family	Sec-independent protein translocase protein

UniProt Gene Name	tatB
UniProt Comments for tatB	Part of the twin-arginine translocation (Tat) system that transports large folded proteins containing a characteristic twin-arginine motif in their signal peptide across membranes. Together with TatC, TatB is part of a receptor directly interacting with Tat signal peptides. TatB may form an oligomeric binding site that transiently accommodates folded Tat precursor proteins before their translocation.
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