Tat-Linked Quality Control Protein Tatd (tatD) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tat-linked quality control protein TatD (tatD), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Tat-linked quality control protein TatD (tatD)
Product Gene Name	tatD recombinant protein
Product Synonym Gene Name	tatD
Sequence	MFDIGVNLTS SQFAKDRDDV VARAFAAGVK GMLLTGTNIH ESQQALKLAR RYPHCWSTAG VHPHDSSQWS PASEDAIIAL ANQPEVVAIG ECGLDFNRNF STPQEQERAF QAQLQIAAEL QIPIFMHCRD AHERFLVLLD PWLDSLPGAI LHCFTGSRQQ MQACVDRGLY IGITGWVCDE RRGLELRELL PFIPAEKLLI ETDAPYLLPR DLTPKPTSRR NEPAYLPHIL ERIALWRGED PQWLAAMTDA NARTLFEVVF
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	29,271 Da
Sequence Positions	1-260, 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 Q9L6M2
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tatD recombinant protein	MBS1331337 is a recombinant protein targeting tatD. Also known as Recombinant Salmonella typhimurium Tat-linked quality control protein TatD (tatD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tatD 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 tatD. It may not necessarily be applicable to this product.

NCBI GI #	308065944
NCBI GeneID	1255502
NCBI Accession #	NP_462861.3
UniProt Primary Accession #	Q9L6M2

UniProt Related Accession #	Q9L6M2
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	hydrolase TatD
NCBI Official Symbol	yigW
UniProt Protein Name	3'-5' ssDNA/RNA exonuclease TatD
UniProt Synonym Protein Names	DNase TatD
Protein Family	3'-5' ssDNA/RNA exonuclease
UniProt Gene Name	tatD
NCBI Protein Information	hydrolase TatD
UniProt Comments for tatD	3'-5' exonuclease that prefers single-stranded DNA and RNA. May play a role in the H2O2-induced DNA damage repair.
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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