Probable Transaldolase 1 (tal1) Bacillus Anthracis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable transaldolase 1 (tal1), Recombinant Protein
Full Product Name	Recombinant Bacillus anthracis Probable transaldolase 1 (tal1)
Product Gene Name	tal1 recombinant protein
Product Synonym Gene Name	tal1
Sequence	MKFFIDTANI NEIKEANALG VLAGVTTNPS LVAKEGVDFH ERIREICNVV EGPVSAEVIS LEADKMIEEG KELAKIAPNV VVKVPMTTEG LKAVKAFSDL GIRTNVTLVF SAVQALLAAR AGATYVSPFL GRLDDIGHNG MDLIRQIAEI FAIHGIETEI IAASVRHSVH VTDAALNGAH IATIPANVIA SLVKHPLTDQ GIEKFLADWE KTQEK
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	23,069 Da
Sequence Positions	1-215, 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 Q81V33
Species	Bacillus anthracis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tal1 recombinant protein	MBS1471279 is a recombinant protein targeting tal1. Also known as Recombinant Bacillus anthracis Probable transaldolase 1 (tal1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tal1 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 tal1. It may not necessarily be applicable to this product.

NCBI GI #	30260821
NCBI GeneID	1083931
NCBI Accession #	NP_843198.1
UniProt Primary Accession #	Q81V33
UniProt Secondary Accession #	Q6I3B6; Q6KX33
GenBank Nucleotide #	NC_003997.3

NCBI Official Full Name	transaldolase
NCBI Official Symbol	BA_0670
UniProt Protein Name	Probable transaldolase 1
Protein Family	Probable transaldolase
UniProt Gene Name	tal1
NCBI Protein Information	transaldolase
UniProt Comments for tal1	Transaldolase is important for the balance of metabolites in the pentose-phosphate pathway.
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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