Transaldolase 1 (tal1) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transaldolase 1 (tal1), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Transaldolase 1 (tal1)
Product Gene Name	tal1 recombinant protein
Product Synonym Gene Name	tal1
Sequence	MTDKLTSLRQ FTTVVADTGD IAAMKLYQPQ DATTNPSLIL NAAQIPEYRK LIDDAVAWAK QQSSDRAQQV VDATDKLAVN IGLEILKLVP GRISTEVDAR LSYDTEASIA KAKRIIKLYN DAGISNDRIL IKLASTWQGI RAAEQLEKEG INCNLTLLFS FAQARACAEA GVYLISPFVG RILDWYKANT DKKDYAPAED PGVVSVTEIY EYYKQHGYET VVMGASFRNV GEILELAGCD RLTIAPALLK ELAESEGAIE RKLSFSGEVK ARPERITEAE FLWQHHQDPM AVDKLADGIR KFAVDQEKLE KMIGDLL
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	35,171 Da
Sequence Positions	1-317, Full length
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 Q5PDM6
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tal1 recombinant protein	MBS1484812 is a recombinant protein targeting tal1. Also known as Recombinant Salmonella paratyphi A 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 #	446052320
NCBI Accession #	WP_000130175.1
UniProt Primary Accession #	Q5PDM6
GenBank Nucleotide #	WP_000130175.1
NCBI Official Full Name	transaldolase

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