Probable Transaldolase (tal) Roseobacter Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable transaldolase (tal), Recombinant Protein
Full Product Name	Recombinant Roseobacter denitrificans Probable transaldolase (tal)
Product Gene Name	tal recombinant protein
Product Synonym Gene Name	tal; RD1_2080
Product Synonym Names	Probable transaldolase; EC=2.2.1.2
Sequence	MKFFVDTADT QAIAELNDLG MVDGVTTNPS LILKSGRDII EVTKEICGIV SGPVSAEVVA LEAEAMIAEG RKLAEIAENI TVKLPLTWDG LKACKTLSDE GKMVNVTLCF SANQALLAAK AGASFISPFI GRLDDMSLDG CELIEDIRTI YDNYGFGTEI LAASIRTVNH VQQVALIGAD VMTAPPEVIQ KLASHPLTDK GLQQFMSDWE KTGQKIL
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	23,301 Da
Sequence Positions	1-217aa; 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 Q168B1
Species	Roseobacter denitrificans (strain 33942 / OCh 114) (Erythrobacter sp. (strain OCh 114)) (Roseobacter denitrificans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tal recombinant protein	MBS1359124 is a recombinant protein targeting tal. Also known as Recombinant Roseobacter denitrificans Probable transaldolase (tal). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tal 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 tal. It may not necessarily be applicable to this product.

NCBI GI #	110679361
NCBI GeneID	4196668
NCBI Accession #	YP_682368.1
UniProt Primary Accession #	Q168B1

UniProt Related Accession #	Q168B1
GenBank Nucleotide #	NC_008209.1
NCBI Official Full Name	translaldolase
NCBI Official Symbol	tal
UniProt Protein Name	Probable transaldolase
Protein Family	Probable transaldolase
UniProt Gene Name	tal
UniProt Entry Name	TAL_ROSDO
NCBI Protein Information	translaldolase
UniProt Comments for tal	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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