Transaldolase (tal) Burkholderia Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transaldolase (tal), Recombinant Protein
Full Product Name	Recombinant Burkholderia sp. Transaldolase (tal)
Product Gene Name	tal recombinant protein
Product Synonym Gene Name	tal
Sequence	MTTALDQLKQ YTTVVADTGD FQQLAQYQPQ DATTNPSLIL KAVQKDAYKP ILEKTVRDHR NESTDFIIDR LLIAFGTEIL KLIPGRVSTE VDARLSFDTP RSIDKGRELI KLYEAAGIGR ERILIKLAST WEGIRAAEVL QKEGIKCNMT LLFSLVQAAA CAEAGAQLIS PFVGRIYDWY KKQAGAEWNE EKDGGANDPG VQSVRRIYTY YKTFGYNTEV MGASFRTTSQ ITELAGCDLL TISPDLLQKL QDSNDTVTRK LSPDALQDKP AARVAIDEAA FRFQLNDDAM ATEKLAEGIR VFAADAVKLE KLIDSLR
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	35,236 Da
Sequence Positions	1-317, 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 Q39E45
Species	Burkholderia sp. (strain 383) (Burkholderia cepacia (strain 17760 / NCIB 9086 / R18194))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tal recombinant protein	MBS1392489 is a recombinant protein targeting tal. Also known as Recombinant Burkholderia sp. 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 #	499672063
NCBI Accession #	WP_011352797.1
UniProt Primary Accession #	Q39E45
GenBank Nucleotide #	WP_011352797.1
NCBI Official Full Name	transaldolase

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