Transaldolase (tal) Acidobacterium Capsulatum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transaldolase (tal), Recombinant Protein
Full Product Name	Recombinant Acidobacterium capsulatum Transaldolase (tal)
Product Gene Name	tal recombinant protein
Sequence	MSQSLLAQLR KMTTVVADTG DIQAIEKVRP QDATTNPSLI TAAAGMPAYQ KIVDDTLLDA KKQLGDSAPS DKVAKLAFEN LAVAFGKQIL AIIPGRVSTE VDARLSYDTE ATIKQAHAII EKYQKQGIGR ERVLIKIAST WEGIRAAEQL EKEGIHCNLT LLFGMHQAVA CAEAGVTLIS PFVGRILDWY KKDTGKDYVG ADDPGVQSVT RIYNYFKKFG YKTVVMGASF RNTGEIIELA GCDLLTISPK LLEELDAKEA ELPRKLDAEK AKGMEIERIT VDKATFDKMH AEDRMAHDKL KEGIEGFSEA LENLEKLLAK RLEELSAEPV GAK
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	36,553 Da
Sequence Positions	1-333, 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 C1F2H6
Species	Acidobacterium capsulatum (strain 51196 / DSM 11244 / JCM 7670)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tal recombinant protein	MBS1133325 is a recombinant protein targeting tal. Also known as Recombinant Acidobacterium capsulatum 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 #	506377982
NCBI Accession #	WP_015897701.1
UniProt Primary Accession #	C1F2H6
GenBank Nucleotide #	WP_015897701.1
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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