Transaldolase (tal) Haemophilus Influenzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transaldolase (tal), Recombinant Protein
Full Product Name	Recombinant Haemophilus influenzae Transaldolase (tal)
Product Gene Name	tal recombinant protein
Sequence	TTQLDSLRNM TVVVADTGDI DAIKKYQPQD ATTNPSLILS ASALPQYAPL IDEAVAYAKA QSADKAQQLI DAEDKLAVNI GLEILKIVPG RISTEVDARL SYDTQATVEK ARKLIALYNA AGISNDRILI KIASTWQGIR AAEILEKEGI NCNLTLLFSE AQARACAEAG VYLISPFVGR ILDWYKANSD KKEYAPAEDP GVISVTKIYN YYKEYGYNTV VMGASFRNVG EITELAGCDR LTIAPALLKE LQENSTALVR KLEYKGEVKA KPQPLTEAEF YWQHNSDAMA VEKLAEGIRK FAIDQEKLET MLSAKL
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	34,905 Da
Sequence Positions	2-317, 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 P45055
Species	Haemophilus influenzae (strain 51907 / DSM 11121 / KW20 / Rd)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tal recombinant protein	MBS1256334 is a recombinant protein targeting tal. Also known as Recombinant Haemophilus influenzae 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 #	16273050
NCBI GeneID	950099
NCBI Accession #	NP_439282.1
UniProt Primary Accession #	P45055
UniProt Related Accession #	P45055
GenBank Nucleotide #	NC_000907.1

NCBI Official Full Name	transaldolase B
NCBI Official Symbol	talB
UniProt Protein Name	Transaldolase
Protein Family	Probable transaldolase
UniProt Gene Name	tal
UniProt Synonym Gene Names	talB
NCBI Protein Information	transaldolase B
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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Online datasheet: https://www.mybiosource.com/recombinant-protein/transaldolase-tal/1256334