Transketolase (tkt) Staphylococcus Epidermidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transketolase (tkt), Recombinant Protein
Full Product Name	Recombinant Staphylococcus epidermidis Transketolase (tkt), partial
Product Gene Name	tkt recombinant protein
Product Synonym Gene Name	tkt
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	72,948 Da
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 Q8CPC7
Species	Staphylococcus epidermidis (strain 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tkt recombinant protein	MBS1435906 is a recombinant protein targeting tkt. Also known as Recombinant Staphylococcus epidermidis Transketolase (tkt), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tkt 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 tkt. It may not necessarily be applicable to this product.

NCBI GI #	27467943
NCBI GeneID	1056578
NCBI Accession #	NP_764580.1
UniProt Primary Accession #	Q8CPC7
UniProt Related Accession #	Q8CPC7
GenBank Nucleotide #	NC_004461.1
NCBI Official Full Name	transketolase
NCBI Official Symbol	SE1025
UniProt Protein Name	Transketolase

Protein Family	Transketolase
UniProt Gene Name	tkt
UniProt Synonym Gene Names	TK
NCBI Protein Information	transketolase
UniProt Comments for tkt	Catalyzes the transfer of a two-carbon ketol group from a ketose donor to an aldose acceptor, via a covalent intermediate with the cofactor thiamine pyrophosphate.
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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