Transketolase (TKL1), Partial (TKL1) Kluyveromyces Lactis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transketolase (TKL1), partial, Recombinant Protein
Full Product Name	Recombinant Kluyveromyces lactis Transketolase (TKL1), partial
Product Gene Name	TKL1 recombinant protein
Product Synonym Gene Name	TKL1; KLLA0B09152g
Product Synonym Names	Transketolase; TK; EC=2.2.1.1
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	73,703 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 Q12630
Species	Kluyveromyces lactis (strain 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (Candida sphaerica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TKL1 recombinant protein	MBS1293389 is a recombinant protein targeting TKL1. Also known as Recombinant Kluyveromyces lactis Transketolase (TKL1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TKL1 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 TKL1. It may not necessarily be applicable to this product.

NCBI GI #	50303973
NCBI GeneID	2896867
NCBI Accession #	XP_451936.1
UniProt Primary Accession #	Q12630
UniProt Related Accession #	Q12630
GenBank Nucleotide #	XM_451936.1
NCBI Official Full Name	hypothetical protein

NCBI Official Symbol	KLLA0B09152g
UniProt Protein Name	Transketolase
UniProt Gene Name	TKL1
UniProt Synonym Gene Names	TK
UniProt Entry Name	TKT1_KLULA
NCBI Protein Information	hypothetical protein
UniProt Comments for TKL1	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.
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