Enolase-Phosphatase E1 (UTR4) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Enolase-phosphatase E1 (UTR4), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Enolase-phosphatase E1 (UTR4)
Product Gene Name	UTR4 recombinant protein
Product Synonym Gene Name	UTR4; DEHA2B04158g
Product Synonym Names	Enolase-phosphatase E1; EC=3.1.3.77; 2,3-diketo-5-methylthio-1-phosphopentane phosphatase
Sequence	MPISFAAPIE VIVLDIEGTV CPISFVKTTL FPYFLEKLPS ELSALTYPLK STSNSPVEEI CSQFPENVRV SSDSLLEYTT SLVNNDIKDP ILKSLQGFIW KLGYENGELM APVYEDAIEF VTDLSKTRKI YIYSSGSIKA QVLLFGHVKG ANGSPVDMNR YLSGYYDITT AGFKQESGSY VSILKDIGYE SKQSSVLFLS DNVREVDAAI QAGMNSLVVD RPGNAPLSEA DKKSFSIIET FRDLKL
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	27,174 Da
Sequence Positions	1-246aa; 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 Q6BXC7
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UTR4 recombinant protein	MBS1343410 is a recombinant protein targeting UTR4. Also known as Recombinant Debaryomyces hansenii Enolase-phosphatase E1 (UTR4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UTR4 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 UTR4. It may not necessarily be applicable to this product.

NCBI GI #	294655065
NCBI GeneID	2913169
NCBI Accession #	XP_457142.2
UniProt Primary Accession #	Q6BXC7

UniProt Related Accession #	Q6BXC7
GenBank Nucleotide #	XM_457142.1
NCBI Official Full Name	DEHA2B04158p
NCBI Official Symbol	DEHA2B04158g
UniProt Protein Name	Enolase-phosphatase E1
UniProt Synonym Protein Names	2,3-diketo-5-methylthio-1-phosphopentane phosphatase
Protein Family	UDP-galactose/UDP-glucose transporter
UniProt Gene Name	UTR4
UniProt Synonym Gene Names	DEHA2B04158g
UniProt Entry Name	ENOPH_DEBHA
NCBI Protein Information	DEHA2B04158p
UniProt Comments for UTR4	Bifunctional enzyme that catalyzes the enolization of 2,3-diketo-5-methylthiopentyl-1-phosphate (DK-MTP-1-P) into the intermediate 2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate (HK-MTPenyl-1-P), which is then dephosphorylated to form the acireductone 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene).
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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