L-Ribulose-5-Phosphate 3-Epimerase Ulae (ulaE) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-ribulose-5-phosphate 3-epimerase UlaE (ulaE), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 L-ribulose-5-phosphate 3-epimerase UlaE (ulaE)
Product Gene Name	ulaE recombinant protein
Product Synonym Gene Name	ulaE
Sequence	MLSKQIPLGI YEKALPAGEC WLERLQLAKT LGFDFVEMSV DETDERLSRL DWSREQRLAL VNAIVETGVR VPSMCLSAHR RFPLGSEDDA VRAQGLEIMR KAIQFAQDVG IRVIQLAGYD VYYQEANNET RRRFRDGLKE SVEMASRAQV TLAMEIMDYP LMNSISKALG YAHYLNNPWF QLYPDIGNLS AWDNDVQMEL QAGIGHIVAV HVKDTKPGVF KNVPFGEGVV DFERCFETLK QSGYCGPYLI EMWSETAEDP AAEVAKARDW VKARMAKAGM VEAA
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	32,049 Da
Sequence Positions	1-284, 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 Q8XDI5
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ulaE recombinant protein	MBS1309160 is a recombinant protein targeting ulaE. Also known as Recombinant Escherichia coli O157:H7 L-ribulose-5-phosphate 3-epimerase UlaE (ulaE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ulaE 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 ulaE. It may not necessarily be applicable to this product.

NCBI GI #	15834427
NCBI GeneID	913998
NCBI Accession #	NP_313200.1
UniProt Primary Accession #	Q8XDI5

UniProt Secondary Accession #	Q7A8U6
GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	L-xylulose 5-phosphate 3-epimerase
NCBI Official Symbol	ECs5173
UniProt Protein Name	L-ribulose-5-phosphate 3-epimerase UlaE
UniProt Synonym Protein Names	L-ascorbate utilization protein E
Protein Family	L-ribulose-5-phosphate 3-epimerase
UniProt Gene Name	ulaE
NCBI Protein Information	L-xylulose 5-phosphate 3-epimerase
UniProt Comments for ulaE	Catalyzes the isomerization of L-xylulose-5-phosphate to L-ribulose-5-phosphate. Is involved in the anaerobic L-ascorbate utilization.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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