3-Keto-L-Gulonate-6-Phosphate Decarboxylase Ulad (ulaD) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	3-keto-L-gulonate-6-phosphate decarboxylase UlaD (ulaD), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 3-keto-L-gulonate-6-phosphate decarboxylase UlaD (ulaD)
Product Gene Name	ulaD recombinant protein
Product Synonym Gene Name	ulaD
Sequence	MSLPMLQVAL DNQTMDSAYE TTRLIAEEVD IIEVGTILCV GEGVRAVRDL KALYPHKIVL ADAKIADAGK ILSRMCFEAN ADWVTVICCA DINTAKGALD VAKEFNGDVQ IELTGYWTWE QAQQWRDAGI QQVVYHRSRD AQAAGVAWGE ADITAIKRLS DMGFKVTVTG GLALEDLPLF KGIPIHVFIA GRSIRDAASP VEAARQFKRS IAELWG
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	23,649 Da
Sequence Positions	1-216, 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 Q8FAI9
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ulaD recombinant protein	MBS1327247 is a recombinant protein targeting ulaD. Also known as Recombinant Escherichia coli O6 3-keto-L-gulonate-6-phosphate decarboxylase UlaD (ulaD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ulaD 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 ulaD. It may not necessarily be applicable to this product.

NCBI GI #	445978905
NCBI Accession #	WP_000056760.1
UniProt Primary Accession #	Q8FAI9
GenBank Nucleotide #	WP_000056760.1
NCBI Official Full Name	MULTISPECIES: 3-keto-L-gulonate-6-phosphate decarboxylase UlaD

UniProt Protein Name	3-keto-L-gulonate-6-phosphate decarboxylase UlaD
UniProt Synonym Protein Names	3-dehydro-L-gulonate-6-phosphate decarboxylase
Protein Family	3-keto-L-gulonate-6-phosphate decarboxylase
UniProt Gene Name	ulaD
UniProt Comments for ulaD	Catalyzes the decarboxylation of 3-keto-L-gulonate-6-P into L-xylulose-5-P. 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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