Uronate Isomerase (uxaC) Rhizobium Meliloti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uronate isomerase (uxaC), Recombinant Protein
Full Product Name	Recombinant Rhizobium meliloti Uronate isomerase (uxaC)
Product Gene Name	uxaC recombinant protein
Product Synonym Gene Name	uxaC
Sequence	MRGLIDPDLL FPAEERTRAL ARRLYAEVSG LPIVSPHGHT EPRWYALDEA FPDPAQLLIV PDHYVFRMLF SQGIRLEELG VPALDGSPVE TDGRAIWRRF CENYHLFRGT PTRLWFDYTL SELFGIDELP SAASSDPLYD HVAECLTRPD YRPRALYERF NIEVISTTDS ALDDLGWHAK ILESGWKGRV VPAYRPDAVV DPDFQGFPTN LDKLGDITGA DTGTWSGYLD AHRTRRAYFK DFGATSTDHG HATADTANLP QAEAAALFDK VRLGKANADE RRLFRAQMLT EMAKMSLDDG LVMQIHPGSF RNHSPAILAK FGRDKGFDIP TRTDYVTALK PLLDAVGLER DLTVILFTLD ETSYARELAP LAGVYPALKL GPAWWFHDSA EGMRRFREMT TETAGFYNTV GFNDDTRAFP SIPARHDIAR RVDCAFLARL VAEHRLREDE AYELARDLAY GLAKEAYRL
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	52,918 Da
Sequence Positions	1-469, Full length
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 Q92V04
Species	Rhizobium meliloti (strain 1021) (Ensifer meliloti) (Sinorhizobium meliloti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for uxaC recombinant protein	MBS1425556 is a recombinant protein targeting uxaC. Also known as Recombinant Rhizobium meliloti Uronate isomerase (uxaC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of uxaC 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 uxaC. It may not necessarily be applicable to this product.

NCBI GI #	16264678
NCBI GeneID	1237261
NCBI Accession #	NP_437470.1
UniProt Primary Accession #	Q92V04

UniProt Related Accession #	Q92V04
GenBank Nucleotide #	NC_003078.1
NCBI Official Full Name	glucuronate isomerase (plasmid)
NCBI Official Symbol	uxaC
UniProt Protein Name	Uronate isomerase
UniProt Synonym Protein Names	Glucuronate isomerase
Protein Family	Uronate isomerase
UniProt Gene Name	uxaC
NCBI Protein Information	glucuronate isomerase
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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