Altronate Oxidoreductase (uxaB) Escherichia Coli O7:k1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Altronate oxidoreductase (uxaB), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O7:K1 Altronate oxidoreductase (uxaB)
Product Gene Name	uxaB recombinant protein
Sequence	MKTLNRRDFP GAQYPERIIQ FGEGNFLRAF VDWQIDLLNE HTDLNSGVVV VRPIETSFPP SLSTQDGLYT TIIRGLNEKG EAVSDARLIR SVNREISVYS EYDEFLKLAH NPEMRFVFSN TTEAGISYHA GDKFDDAPAV SYPAKLTRLL FERFSHFNGA QDKGWIIIPC ELIDYNGDAL RELVLRYAQE WALPEAFIQW LDQANSFCST LVDRIVTGYP RDEVAKLEEE LGYHDGFLDT AEHFYLFVIQ GPKSLATELR LDKYPLNVLI VDDIKPYKER KVAILNGAHT ALVPVAFQAG LDTVGEAMND AEICAFVEKA IYEEIIPVLD LPRDELESFA SAVTGRFRNP YIKHQLLSIA LNGMTKFRTR ILPQLLAGQK SNGTLPARLT FALAALIAFY RGERNGETYP VQDDAHWLER YQQLWSQHRN RVIGTQELVA IVLAEKDHWE QDLTQVPGLV EQVANDLDAI LEKGMREAVR PLC
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	54,838 Da
Sequence Positions	1-483, 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 B7NIJ4
Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for uxaB recombinant protein	MBS1162665 is a recombinant protein targeting uxaB. Also known as Recombinant Escherichia coli O7:K1 Altronate oxidoreductase (uxaB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of uxaB 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 uxaB. It may not necessarily be applicable to this product.

NCBI GI #	446777390
NCBI Accession #	WP_000854646.1
UniProt Primary Accession #	B7NIJ4
GenBank Nucleotide #	WP_000854646.1
NCBI Official Full Name	altronate oxidoreductase

UniProt Protein Name	Altronate oxidoreductase
UniProt Synonym Protein Names	Tagaturonate dehydrogenase
Protein Family	Altronate oxidoreductase
UniProt Gene Name	uxaB
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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