



Recombinant Escherichia coli O45:K1 Altronate oxidoreductase (uxaB)

Product Code	CSB-EP482694EOK
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	B7MMY5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKTLNRRDFP GAQYPERIIQ FGEGNFLRAF VDWQIDLLNE HTDLNSGVVV VRPIETSFPP SLSTQDGLYT TIIRGLNEKG EAVSDARLIR SVNREISVYS EYDEFLKLAH NPEMRFVFSN TTEAGISYHA GDKFDDAPAV SYPAKLTRLL FERFSHFNGA LDKGWIIIPC ELIDYNGDAL RELVLR YAQE WALPEAFIQW LDQANSFCST LVDRIVTGYR RDEVAKLEEE LGYHGDGFLDT AEHFYLFVIQ GPKSLATELR LDKYPLNVLV VDDIKPYKER KVAILNGAHT ALVPVAFQAG LDTVGEAMND AEICAFVEKA IYEEIIPVLD LPRDELESFA SAVTGRFRNP YIKHQLLSIA LNGMTKFRTR ILPQLLAGQK ANGLTPARLT FALAALIAFY RGERNGETYP VQDDAHWLER YQQLWSQYRD RVIGTQELVA IVLAEKDHWE QDLTQVPGLV EQVANDLDAI LEKGMREAVR PLC
Source	E.coli
Target Names	uxaB
Protein Names	Recommended name: Altronate oxidoreductase EC= 1.1.1.58 Alternative name(s): Tagaturonate dehydrogenase Tagaturonate reductase
Expression Region	1-483
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.