



Recombinant Escherichia coli O7:K1 Glutamate racemase (murl)

Product Code	CSB-EP488100EON-B
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.	B7NU33
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MATKLQDGNT PCLAATPSEP RPTVLVFDSDG VGGLSVYDEI RHLLPDLHYI YAFDNVAFPY GEKSEAFIVE RVVAIVTAVQ KRYPLALAVV ACNTASTVSL PALREKFDFF VVGVVPAIKP AARLTANGIV GLLATRGTVK RSYTHELIAR FANECQIEML GSAEMVELAE AKLHGEDVSL DALKRILRPW LRMKEPPDTV VLGCTHFPLL QEELLQVLPE GTRLVDSGAA IARRTAWLLE HEAPDAKSAD ANIAFCMAMT PEAEQLLPVL QRYGFETLEK LAVLG
Source	E.coli
Target Names	murl
Protein Names	Recommended name: Glutamate racemase EC= 5.1.1.3
Expression Region	1-285
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.