



Recombinant Escherichia coli O139:H28 L-ribulose-5-phosphate 4-epimerase UlaF (ulaF)

Product Code	CSB-EP420983EJD
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.	A7ZV69
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O139:H28 (strain E24377A / ETEC)
Purity	≥85% (SDS-PAGE)
Sequence	<pre>MQQLKQQVFE ANMDLPRYGL VTFTWGNVSA IDRERGLVVI KPSGVAYETM KADDMVVVDM SGKVVEGEYR PSSDTATHLE LYRRYPSLGG IVHTHSTHAT AWAQAGLAIP ALGTTHADYF FGDIPYTRGL SEEEVQGEYE LNTGKVIET LGNAEPLHTP GIVVYQHGPF AWGKDAHDAV HNAVVMEEVA KMAWIARSIN PQLNHIDSFL MNKHFMRKHG PNAYYGQK</pre>
Source	E.coli
Target Names	ulaF
Protein Names	Recommended name: L-ribulose-5-phosphate 4-epimerase UlaF EC= 5.1.3.4 Alternative name(s): L-ascorbate utilization protein F Phosphoribulose isomerase
Expression Region	1-228
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.