



Recombinant Escherichia coli O7:K1 2,3-diketo-L-gulonate reductase (dlgD)

Product Code	CSB-EP488068EON-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.	B7NP75
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKVTFEQLKA AFNRVLISRG VDSETADACA EMFARTTESG VYSHGVNRFPRFIQQLLENGD IIPDAQPKRI TSLGAIEQWD AQRSIGNLTA KKMMMDRAIELAADHGIGLVA LRNANHWMRG GSYGWQAAEK GYIGICWTNS IAVMPPWGAK ECRIGTNPLI VAIPSTPITM VDMSMSMFSY GMLEVNRLAG RQLPVDGGFD DEGNTKEPG VIEKNRRILP MGYWKGSGMS IVLDMIATLL SDGASVAEVT QDNSDEYGVS QIFIAIEVDK LIDGPTRDAK LQRIMDYVTT AERADENQAI RLPGHEFTTL LAENRRNGIT VDDSVWAKIQ AL
Source	E.coli
Target Names	dlgD
Protein Names	Recommended name: 2,3-diketo-L-gulonate reductase Short name= 2,3-DKG reductase EC= 1.1.1.130 Alternative name(s): 3-dehydro-L-gulonate 2-dehydrogenase
Expression Region	1-332
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.