



Recombinant Escherichia coli 2-dehydro-3-deoxy-D-gluconate 5-dehydrogenase (kduD)

Product Code	CSB-MP336347ENV
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.	P37769
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MILSAFSLEG KVAVVTGCDT GLGQGMALGL AQAGCDIVGI NIVEPTETIE QVTALGRRFL SLTADLRKID GIPALLDRAV AEFGHIDILV NNAGLIRRED ALEFSEKDWD DVMNLNIKSV FFMSQAAAKH FIAQGNGGKI INIASMLSFQ GGIRVPSYTA SKSGVMGVTR LMANEWAKHN INVNAIAPGY MATNNTQQLR ADEQRS AEIL DRIPAGRWGL PSDLMGPIVF LASSASDYVN GYTIADVGGW LAR
Source	Mammalian cell
Target Names	kduD
Protein Names	Recommended name: 2-dehydro-3-deoxy-D-gluconate 5-dehydrogenase EC= 1.1.1.127 Alternative name(s): 2-keto-3-deoxygluconate 5-dehydrogenase 2-keto-3-deoxygluconate oxidoreductase Short name= KDG oxidoreductase
Expression Region	1-253
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.