



Recombinant Escherichia coli 2,5-diketo-D-gluconic acid reductase A (dkgA)

Product Code	CSB-EP669385ENV-B
Abbreviation	dkgA
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.	Q46857
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MANPTVIKIQ DGNVMPQLGL GVWQASNEEV ITAIQKALEV GYRSIDTAAA YKNEEGVGKA LKNASVNREE LFITTKLWND DHKRPREALL DSLKKLQLDY IDLMLHWPV PAIDHYVEAW KGMIELQKEG LIKSIGVCNF QIHHLQRLID ETGVTPVINQ IELHPLMQQR QLHAWNATHK IQTESWSPLA QGGKGVFDQK VIRDLADKYG KTPAQIVIRW HLDGLVVIP KSVTPSRIAE NFDVWDFRLD KDELGEIAKL DQGKRLGPDQ DQFGG
Source	E.coli
Target Names	dkgA
Protein Names	Recommended name: 2,5-diketo-D-gluconic acid reductase A Short name= 2,5-DKG reductase A Short name= 2,5-DKGR A Short name= 25DKGR-A EC= 1.1.1.274 Alternative name(s): AKR5C
Expression Region	1-275
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.