



Recombinant Bacillus subtilis 2-dehydro-3-deoxygluconokinase (kdgK)

Product Code	CSB-EP343506BRJ
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.	P50845
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MKLDVTFGE SMAMFYANEY GGLHEVSTFS KGLAGAESNV ACGLARLGFR MGWMSKVGND QLGTFILQEL KKEGVDVSRV IRSQDENPTG LLLKSKVKEG DPQVTYYRKN SAASTLTAE YPRDYFQCAG HLHVTGIPPA LSAEMKDFTY HVMNDMRNAG KTISFDPNVR PSLWPDQATM VHTINDLAGL ADWFFPGIAE GELLTGEKTP EGIADYYLKK GASFVAIKLG KEGAYFKTGT SEGFLEGCRV DRVVDTVGAG DGFVGVVISG ILDGLSYKDA VQRGNAIGAL QVQAPGDMDG LPTREKLASF LSAQRTVHQB KGDY
Source	E.coli
Target Names	kdgK
Protein Names	Recommended name: 2-dehydro-3-deoxygluconokinase EC= 2.7.1.45 Alternative name(s): 2-keto-3-deoxygluconokinase 3-deoxy-2-oxo-D-gluconate kinase KDG kinase
Expression Region	1-324
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.