



Recombinant Escherichia coli O7:K1 Betaine aldehyde dehydrogenase (betB)

Product Code	CSB-EP482907EON-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.	B7NK50
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MSRMAEQQLY IHGGCTSATS GRTFETINPA NGNVLATVQA AGREDVDRAV KSAQQGQKIW AAMTAMERSR ILRRAVDILR ERNDELAKLE TLDTGKAYSE TSTVDIVTGA DVLEYYAGLI PALEGSQIPL RETSFVYTRH EPLGVVAGIG AWNYP IQIAL WKSAPALAAG NAMIFKPSEV TPLTALKLAE IYSEAGLPDG VFNVLPGVGA ETGQYLTEHP GIAKVSFTGG VASGKKVMAN SAASSLKEVT MELGGKSPLI VFDDADLDLA ADIAMMANFF SSGQVCTNGT RVFIPTKCKA AFEQKILARV ERIRAGDVFD PQTNFGPLVS FPHRDNLVRY IAKGKEEGAR VLCGGDVLKG DSHDNGAWVA PTVFTDCSDD MTIVREEIFG PVMSILTYES EDEVIRRAND TDYGLAAGIV TADLNRAHRV IHQLEAGICW INTWGESPAE MPVGGYKHSG IGRENGVMTL QSYTQVKSIQ VEMAKFQSIF
Source	E.coli
Target Names	betB
Protein Names	Recommended name: Betaine aldehyde dehydrogenase Short name= BADH EC= 1.2.1.8
Expression Region	1-490
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.