



# Recombinant Escherichia coli Choline dehydrogenase (betA)

<b>Product Code</b>	CSB-EP005335ENX-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B1LIJ7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain SMS-3-5 / SECEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MQFDYIIIIGA GSAGNVLATR LTEDPNTTVL LLEAGGPDYR FDFRTQMPAA  LAFPLQGKRY NWAYETEPEP FMNRRMECG RGKGLGSSSL INGMCIYIRGN  ALDLNWAQE PGLENWSYLD CLPYRKAET RDVGENDYHG  GDGPVSVTTS KPGVNPLFEA MIEAGVQAGY PRTDDLNGYQ QEGFGPMDRT  VTPHGRRAST ARGYLDQAKS RSNLTIRTHA MTDHIIFDGK RAVGVEWLEG  DSTIPTRAAA NKEVLLCAGA IASPQILQRS GVGNAGLLAE FDIPLVHELP  GVGENLQDHL EMYLQYECKE PVSYPALQW WNQPKIGAEW LFGGTGIGAS  NHFEAGGFIR SREEFAWPNI QYHFLPVAIN YNGSNAVKEH GFQCHVGS MR  SPSRGHVRIK SRAPHQHPAI LFNYSHEQD WQEFRDAIRI TREIMHQPAL  DQYHGREISP GVECQTDEQL DEFVRNHAET AFHPCGTCKM  GYDEMSVVDG EGRVHGLEGL RVVDASIMPQ IITGNLNATT IMIGEKMADM  IRGKDALPRS TAGYYVANGM PVRACKMSRD VN</p>
<b>Source</b>	E.coli
<b>Target Names</b>	betA
<b>Protein Names</b>	Recommended name: Choline dehydrogenase Short name= CDH Short name= CHD EC= 1.1.99.1
<b>Expression Region</b>	1-562
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.