



Recombinant Choline dehydrogenase (betA)

Product Code	CSB-EP005335EGX-B
Abbreviation	betA
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.	Q8FKI9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	<pre>MQFDYIIIGA GSAGNVLATR LTEDPNTTVL LLEAGGPDYR FDFRTQMPAA LAFPLQGKRY NWAYETEPEP FMNRRMECG RGKGLGGSSL INGMCYIRGN ALDLNWAQE PSLENWSYLD CLPYRKAET RDVGENDYHG GDGPVSVTTS KPGVNPLFEA MIEAGMQAGY PRTDDLNGYQ QEGFGPMDRT VTPHGRRAST ARGYLDQAKS RPNLTIRTHA MTDHIIFDGK RAVGVEWLEG DSTIPTRAAA NKEVLLCAGA IASPQILQRS GVGNAELLAE FDIPLVHELP GVGENLQDHL EMYLQYECKE PVS LYPALQW WNQPRIGAEW LFGGTGVGAS NHFEAGGFIR SREEFAWPNI QYHFLPVAIN YNGSNAVKEH GFQCHVGS MR SPSRGHVRIK SRDPHQHPGI LFNYSHEQD WQEFRDAIRI TREIMHQPAL DQYRGREISP GVECQTDEQL DEFVRNHAET AFHPCGTCKM GYDEMAVVDG EGRVHGLEGL RVVDASIMPQ IITGNLNATT IMIGEKIADM IRGKEALPRS TAGYFVANGM PVRACK</pre>
Source	E.coli
Target Names	betA
Protein Names	Recommended name: Choline dehydrogenase Short name= CDH Short name= CHD EC= 1.1.99.1
Expression Region	1-556
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.