



Recombinant Choline dehydrogenase (betA)

Product Code	CSB-EP005335EOD-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.	Q8X6C6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	≥85% (SDS-PAGE)
Sequence	MQFDYIIIIGA GSAGNVLATR LTEDPNTSVL LLEAGGPDYR FDFRTQMPAA LAFPLQGKRY NWAYETEPEP FMNRRMECG RGKGLGGSSL INGMCIYIRGN AMDLDNWAKE PGLNWSYLD CLPYRKAET RDVGENDYHG GDGPVSVTTS KPGVNPLFEA MIEAGVQAGY PRTDDLNGYQ QEGFGPMDRT VTPQGRRAST ARGYLDQAKS RPNLTIRTHA MTDHIIFDCK RAVGVEWLEG DSTIPTRATA NKEVLLCAGA IASPQILQRS GVGNAELLA EFDIPLVHDL P GVGENLQDHL EMYLQYECKE PVS LYPALQW WNQPKIGAEW LFGGTG VGAS NHFEAGGFIR SREEFAWPNI QYHFLPVAIN YNGSNAVKEH GFQCHVGSMR SPSRGHVRIK SRDPHQHPAI LFNYSMSHEQD WQEFRDAIRI TREIMHQPAL DQYRGREISP GTECQTDEQL DEFVRNHAET AFHPCGTCKM GYDEMSVVDG EGRVHGLEGL RVVDASIMPQ IITGNLNATT IMIGEKMADM IRGKEALPRS TAGYFVANGM PVRACKMSRD LN
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	1-562
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.