



Recombinant Choline dehydrogenase (betA)

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| Product Code | CSB-EP005335EGX |
| 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 | <p> MQFDYIIIGA GSAGNVLATR LTEDPNTTVL LLEAGGPDYR FDFRTQMPAA LAFPLQGKRY NWAYETEPEP FMNRRMECG RGKGLGGSSL INGMCIYIRGN ALDLNWAQE PSLENWSYLD CLPYRKAET RDVGENDYHG GDGPVSVTTS KPGVNPLFEA MIEAGMQAGY PRTDDLNGYQ QEGFGPMDRT VTPHGRRAST ARGYLDQAKS RPNLTIRTHA MTDHIIFDGK RAVGVEWLEG DSTIPTRAAA NKEVLLCAGA IASPQILQRS GVGNAELLA EFDIPLVHELP GVGENLQDHL EMYLQYECKE PVS LYPALQW WNQPRIGAEW LFGGTGVGAS NHFEAGGFIR SREEFAWPNI QYHFLPVAIN YNGSNAVKEH GFQCHVGS MRSPSRGHVRIK SRDPHQHPGI LFNYSMSHEQD WQEFRDAIRI TREIMHQPAL DQYRGREISP GVECQTDEQL DEFVRNHAET AFHPCGTCKM GYDEMAVVDG EGRVHGLEGL RVVDASIMPQ IITGNLNATT IMIGEKIADM IRGKEALPRS TAGYFVANGM PVRRAKK </p> |
| 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.