



Recombinant Escherichia coli O8 Crotonobetainyl-CoA dehydrogenase (caiA)

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| Product Code | CSB-BP482516E00 |
| 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. | B7M0D6 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O8 (strain IA11) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MDFNLNDEQE LfvAgIRELM ASENWEAYFA ECDRDSVYPE RFVKALADMG IDSLLLPEEH GGLDAGFVTL AAVWMElGRL GAPTIVLYQL PGGFNTFLRE GTQEQIDKIM AFRGTGKQMW NSAITEPGAG SDVGS�KTTY TRRNGKIYLN GSKCFITSSA YTPYIVVMAR DGASPDkPVY TEWFVDMSKP GIKVTKLEKL GLRMDSCCEI TFDDVELDEK DMFGREGNGF NRVKEEFdHE RFLVALTNYG TAMCAFEDAA RYANQRVQFG EAIGRFQliQ EKFAHMAIKL NSMKNMLYEA AWKADNGTIT SGDAAMCKYF CANAAFEVVD SAMQVLGGVG IAGNHRISRF WRDLRVDRVS GGSDemQILT LGRAVLKQYR |
| Source | Baculovirus |
| Target Names | caiA |
| Protein Names | Recommended name: Crotonobetainyl-CoA dehydrogenase EC= 1.3.99.- Alternative name(s): Crotonobetainyl-CoA reductase |
| Expression Region | 1-380 |
| 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. |
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