



Recombinant *Rhodobacter capsulatus* MalyI-CoA lyase (mcl1)

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-YP466974RLC |
| 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. | B6E2X2 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Rhodobacter capsulatus</i> (<i>Rhodopseudomonas capsulata</i>) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SFRTQPPAP ARLNRCQLFG PGSRPAIFEK MAQSAADVIN LDLEDSVAPD DKPQARRNII EASHNIDWGN KYLSVRINGL DTPFWYRDVV ELLEDGSERI DQIMIPKVG C AADVYAVDAL VTAIEAAKGR KKRISLEVII ESAAGIAHVE EIAAASPRLQ AMSLGAADFA ASMG MATTGI GGTQENYYML HAGVKHWS DP WHWAQAAIVA ACRTHGILPV DGPF GDFSDD EGFRAQALRS ATLG M V GKWA IHPKQVALAN EVFTPSDAAV AEAREILAAM EKAKAEGAGA TVYKGRLVDI ASIRQAEVIV RQAEMAKV |
| Source | Yeast |
| Target Names | mcl1 |
| Protein Names | Recommended name: MalyI-CoA lyase EC= 4.1.3.24 Alternative name(s): (3S)-malyI-CoA/beta-methylmalyI-CoA lyase L-malyI-CoA/beta-methylmalyI-CoA lyase |
| Expression Region | 2-318 |
| 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 of Mature 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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