



Recombinant 3-isopropylmalate dehydratase small subunit (leuD)

| | |
|--------------------------|---|
| Product Code | CSB-YP855567EOD |
| Abbreviation | leuD |
| 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. | Q8XA01 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O157:H7 |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | AEKFIKHTG LVVPLDAANV DTDIIPKQF LQKVTRTGFG AHLFNDWRFL DEKGGQPNPD FVLNFSQYQG ASILLARENF GCGSSREHAP WALTDYGFKV VIAPSFADIF YGNSFNQQL PVKLSDAEVD ELFALVKANP GIHFDVDLEA QEVKAGEKTY RFTIDAFRRH CMMNGLDSIG LTLQHDDAIA AYEAKQPAFM R |
| Source | Yeast |
| Target Names | leuD |
| Protein Names | Recommended name: 3-isopropylmalate dehydratase small subunit EC=4.2.1.33 Alternative name(s): Alpha-IPM isomerase Short name= IPMI Isopropylmalate isomerase |
| Expression Region | 2-201 |
| 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. |
| 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. |