



Recombinant Escherichia coli 3-isopropylmalate dehydratase small subunit (leuD)

| | |
|--------------------------|---|
| Product Code | CSB-EP533052ENP |
| 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. | B1IRA7 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MAEKFIKHTG LVVPLDAANV DTDAIIPKQF LQKVTRTGFG AHLFNDWRFL DEKGGQPNPD FVLNFPQYQG ASILLARENF GCGSSREHAP WALTDYGFKV VIAPSFADIF YGNSFNQQLL PVKLSDAEVD ELFALVKANP GIHFDVDLEA QEVKAGEKTY RFTIDAFRRH CMMNGLDSIG LTLQHDDAIA AYEAKQPAFM N |
| Source | E.coli |
| 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 | 1-201 |
| 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 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. |