



# Recombinant Escherichia coli 3-isopropylmalate dehydrogenase (leuB)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP326945ENV   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | P30125  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli (strain K12)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | SKNYHIAVL PGDGIGPEVM TQALKVLDV RNR FAMRITT SHYDVGGAAI<br>DNHGQQLPPA TVEGCEQADA VLF GSVGGPK WEHLPPDQQP ERGALLPLRK<br>HFKLFSNLRP AKLYQGLEAF CPLRADI AAN GFDILCVREL TGGIYFGQPK<br>GREGSGQYEK AFDTEVYHRF EIERIARIAF ESARKRRHKV TSIDKANVLQ<br>SSILWREIVN EIA TEY PDVE LAHMYIDNAT MQLIKDPSQF DVLLCSNLFG<br>DILSDECAMI TGSMGMLPSA SLNEQGFGLY EPAGGSAPDI AGKNIANPIA<br>QILSLALLLR YSLDADDAAC AIERAINRAL EEGIRTGD LA RGAAAVSTDE<br>MGDIARYVA EGV |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | leuB  |
| <b>Protein Names</b>     | Recommended name: 3-isopropylmalate dehydrogenase EC= 1.1.1.85<br>Alternative name(s): 3-IPM-DH Beta-IPM dehydrogenase Short name= IMDH   |
| <b>Expression Region</b> | 2-363   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Reconstitution</b>    | 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.                             |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |