



Recombinant 3-isopropylmalate dehydrogenase (leuB)

Product Code	CSB-YP845231EOD
Abbreviation	leuB
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.	Q8X9Z9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	SKNYHIAVL PGDGIGPEVM TQALKVLDAV RNRFAMRITT SHYDVGGAAI DNHGQQLPPA TVEGCEQADA VLFGSVGGPK WEHLPPDQQP ERGALLPLRK HFKLFSNLRP AKLYQGLEAF CPLRADIAAN GFDILCVREL TGGIYFGQPK GREGSGQYEK AFDTEVYHRF EIERIARIAF ESARKRRHKV TSIDKANVLQ SSILWREIVN EIAATEYPDIE LAHMYIDNAT MQLIKDPSQF DVLLCSNLFG DILSDECAMI TGSMGMLPSA SLNEQGFGLY EPAGGSAPDI AGKNIANPIA QILSLALLLR YSLDADDAAS AIERAINRAL EEGIRTGDLA RGAAAVSTDE MGDIARYVA EGV
Source	Yeast
Target Names	leuB
Protein Names	Recommended name: 3-isopropylmalate dehydrogenase EC= 1.1.1.85 Alternative name(s): 3-IPM-DH Beta-IPM dehydrogenase Short name= IMDH
Expression Region	2-363
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.