



Recombinant 3-isopropylmalate dehydrogenase (leuB)

Product Code	CSB-EP817946EGX-B
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.	Q8FL76
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	SKNYHIAVL PGDGIGPEVM TQALKVLDV RNR FAMRITT SHYDVGGAAI DNHGQQLPPA TVEGCEQADA VLF GSVGGPK WEHLPPDQQP ERGALLPLRK HFKLFSNLRP AKLYQG LEAF CPLRADI AAN GFDILCVREL TGGIYFGQPK GREGSGQY EK AFDTEVYHRF EIERIARIAF ESARKRRHKV TSIDKANVLQ SSILWREIVN EIATEY PDVE LTHMYIDNAT MQLIKDPSQF DVLLCSNLFG DILSDECAMI TGSMGMLPSA SLNEQGFGLY EPAGGSAPDI AGKNIANPIA QILSLALLLR YSLDADDAAS AIERAINRAL EEGIRTGD LA RGAAAVSTDE MGDIARYVA EGV
Source	E.coli
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.