



Recombinant 3-isopropylmalate dehydrogenase (leuB)

Product Code	CSB-YP762612WBQ
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.	Q7M886
Product Type	Recombinant Protein
Immunogen Species	Wolinella succinogenes (strain ATCC 29543 / DSM 1740 / LMG 7466 / NCTC 11488 / FDC 602W) (Vibrio succinogenes)
Purity	>85% (SDS-PAGE)
Sequence	MKKYEIAIIK GDGIGPEIVD EAKKVLDAIS YSHGFELSYH DYLMGGIAVD RAGVPLPDET IEGCLRADAV LFGAIGGEKW DSLPRELRPE SGLLKLRKSL EIFANLRPTV VYDELIEAST LKESVIKVD ILVVRELIGG IYFGEPKGRE GDKAFNTMVY SVPEIERIAH VAFKAAMRRQ KRVCSDKAN VLDVSQLWRE TVTRIAKEYP EVELSHMYID NAAMQLIRNP KQFDVILTGN LFGDILSDEA SMLSGSIGLL PSASIGGKAA LYEPIHGSAP DIAGQGIANP IATIASASMM LRHSLGEVEA ADAIDKAIVK TLKEGYRTKD IAAFGAKEIC TTDEMGSIIA NYAAKKGE
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	1-358
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.