



# Recombinant Escherichia coli 3-isopropylmalate dehydratase large subunit (leuC)

<b>Product Code</b>	CSB-EP514352ENU
<b>Storage</b>	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.
<b>Uniprot No.</b>	C4ZPZ5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / MC4100 / BW2952)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAKTLYEKLF DAHVVYEAEN ETPLLYIDRH LVHEVTSPQA FDGLRAHGRP VRQPGKTFAT MDHNVSTQTK DINACGEMAR IQMQELIKNC KEFGVELYDL NHPYQGIVHV MGPEQGVTLT GMTIVCGDSH TATHGAFGAL AFGIGTSEVE HVLATQTLKQ GRAKTMKIEV QGKAAPGITA KDIVLAIIGK TGSAGGTGHV VEFCGEAIRD LSMEGRMTLC NMAIEMGAKA GLVAPDETTF NYVKGRLHAP KKGDFDDAVA YWKTQLTDEG ATFDTVVTLQ AEEISPVQVW GTNPGQVISV NDNIPDPASF ADPVERASAE KALAYMGLKP GIPLTEVAID KVFIGSCTNS RIEDLRAAAE IAKGRKVAPG VQALVVPVSG PVKAQAEAEAG LDKIFIEAGF EWRLPGCSMC LAMNNDRLNP GERCASTSNR NFEGRQGRGG RTHLVSPAMA AAAAVTGHFA DIRNIK
<b>Source</b>	E.coli
<b>Target Names</b>	leuC
<b>Protein Names</b>	Recommended name: 3-isopropylmalate dehydratase large subunit EC=4.2.1.33 Alternative name(s): Alpha-IPM isomerase Short name= IPMI Isopropylmalate isomerase
<b>Expression Region</b>	1-466
<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 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. 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.