Recombinant Escherichia coli O8 3-isopropylmalate dehydratase large subunit (leuC)

Product Code	CSB-YP484269EOO
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.	B7M117
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O8 (strain IAI1)
Purity	>85% (SDS-PAGE)
Sequence	MAKTLYEKLF DAHVVYEAEN ETPLLYIDRH LVHEVTSPQA FDGLRAHGRP VRQPGKTFAT MDHNVSTQTK DINACGEMAR IQMQELIKNC KEFGVELYDL NHPYQGIVHV MGPEQGVTLP GMTIVCGDSH TATHGAFGAL AFGIGTSEVE HVLATQTLKQ GRAKTMKIEV QGKAAPGITA KDIVLAIIGK TGSAGGTGHV VEFCGEAIRD LSMEGRMTLC NMAIEMGAKA GLVAPDETTF NYVKGRLHAP KGKDFDDAVA YWKTLQTDEG ATFDTVVTLQ AEEISPQVTW GTNPGQVISV NDNIPDPASF ADPVERASAE KALAYMGLKP GIPLTEVAID KVFIGSCTNS RIEDLRAAAE IAKGRKVAPG VQALVVPGSG PVKAQAEAEG LDKIFIEAGF EWRLPGCSMC LAMNNDRLNP GERCASTSNR NFEGRQGRGG RTHLVSPAMA AAAAVTGHFA DIRNIK
Source	Yeast
Target Names	leuC
Protein Names	Recommended name: 3-isopropylmalate dehydratase large subunit EC= 4.2.1.33 Alternative name(s): Alpha-IPM isomerase Short name= IPMI Isopropylmalate isomerase
Expression Region	1-466
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.