



Recombinant Escherichia coli O7:K1 3-isopropylmalate dehydratase small subunit (leuD)

Product Code	CSB-EP484643EON-B
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.	B7NHH9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MAEKFIKHTG LVVPLDAANV DTDAIIPKQF LQKVTRTGFG AHLFNDWRFL DEKQQPNPD FVLNFPQYQG ASILLARENF GCGSSREHAP WALTDYGFKV VIAPSFADIF YGNSFNNQLL PVKLSDAEVD ELFALVKANP GIHFDVDLEA QEVKAGEKTY RFTIDAFRRH CMMNGLDSIG LTLQHDDAIA SYEEKQPAFM R
Source	E.coli
Target Names	leuD
Protein Names	Recommended name: 3-isopropylmalate dehydratase small subunit EC=4.2.1.33 Alternative name(s): Alpha-IPM isomerase Short name= IPMI Isopropylmalate isomerase
Expression Region	1-201
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.