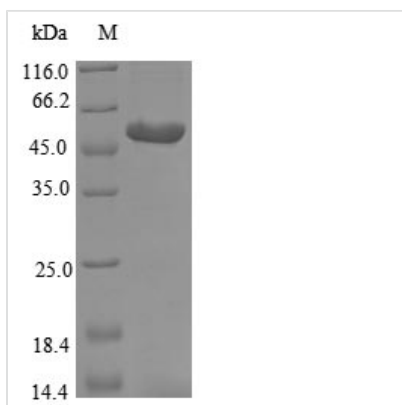




Recombinant Lactobacillus paracasei D-2-hydroxyisocaproate dehydrogenase

Product Code	CSB-EP322950LAY
Relevance	Catalyzes the NAD dependent reversible, stereospecific interconversion between 2-ketocarboxylic acids and D-2-hydroxy-carboxylic acids.
Abbreviation	Recombinant Lactobacillus paracasei D-2-hydroxyisocaproate dehydrogenase protein
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.	P17584
Product Type	Recombinant Protein
Immunogen Species	Lactobacillus paracasei
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MKIIAYGARVDEIQYFKQWAKDTGNTLEYHTEFLDENTVEWAKGFDGINSLQTPYAAGVFEKMHAYGIKFLTIRNVGTDNIDMTAMKQYGIRLSNVPAYSPAAIAEFALTDTLYLLRNMGKVQAQLQAGDYEKAGTFIGKELGQQTGVGMGTGHIGQVAIKLFKGFAGKVIAYDPYPMKGDHPDFDYVSLEDLFKQSDVIDLHVPGIEQNTHIINEAAFNLMKPGAIVINTARPNLIDTQAMLSNLKSGKLAGVGIDTYEYETEDLLNLAKHGSFKDPLWDELLGMPNVVLSPHIAYYTETAVHNMVYFSLQHLVDFLTKEETSTEVTPAK
Research Area	others
Source	E.coli
Protein Names	Recommended name: D-2-hydroxyisocaproate dehydrogenase Short name= D-HICDH EC= 1.1.1.-
Expression Region	1-333aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	56.9 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.