



Recombinant Schizosaccharomyces pombe 3-isopropylmalate dehydrogenase (leu1)

Product Code	CSB-EP325618SXV-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.	P18869
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MCAKKIVVLP GDHIGPEIVA SALEVLKVVE KKRPELKLEF EEHKIGGASI DAYGTPLTDE TVKACLEADG VLLGAVGGPE WTNPNCRPEQ GLLKLRKSMG VWANLRPCNF ASKSLVKYSP LKPEIVEGVD FCVVRELTGG CYFGERTEDN GSGYAMDTWP YSLEEVSRIA RLAAWLAETS NPPAPVTLTD KANVLATSRL WRKTVAKIFK EEYPHLLTKN QLIDSAAMLL VKSPRTLNGV VLTDNLFGDI ISDEASVIPG SLGLLPSASL SGVVGKSEEK VHCLVEPIHG SAPDIAGKGI VNPVGTILSA SLLRLRYGLNA PKEAEAIEAA VRKVLDDTSI GGRGLYTRDL GGEASTADIT KAVVEELEKI L
Source	E.coli
Target Names	leu1
Protein Names	Recommended name: 3-isopropylmalate dehydrogenase Short name= 3-IPM-DH Short name= IMDH EC= 1.1.1.85 Alternative name(s): Beta-IPM dehydrogenase
Expression Region	1-371
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.