



Recombinant *Ashbya gossypii* 3-isopropylmalate dehydrogenase (LEU2)

Product Code	CSB-EP530103DOT
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.	O60027
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MAAVKRIVVL PGDHIGREVV EEAVKVLGAV EQSLSDVHFD FQYHLVGGAA IDATGSALPD EALGAAKEAD AVLLGAVGGP KWQGGAVRPE QGLLKLRLQEL GVYANLRPCN FAADSLLELS PLRPEIARDT DIMVVRELLG GSYFGERHED EGDGVAVWTD KYTVKEVQRI ARMAGFLALQ HDPPLPVWSL DKANVLASSR LWRKTVEETF QSEFPNVQLQ HQLIDSAAMI LVKNPRAFNG VVVTSNMFGD IISDEASVIP GSLGLLPSAS LASLPDSKSA FGLYEPCHGS APDLPAGKAN PIGCILSAAM MLKLSLNMVA AGEAVEQAVQ EVLDSGVRTG DLLGSSSTSE VGDAIALAVK EALRRQSAAG LS
Source	<i>E.coli</i>
Target Names	LEU2
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	1-372
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.