



Recombinant Solanum tuberosum 3-isopropylmalate dehydrogenase, chloroplastic

Product Code	CSB-YP339036FIG
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.	P29696
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	S ESNSNLIRAT LFPGDGIGPE IAESVRQIFK VAEVPIEWEE HYVGTEVDPR TNSFLTWESL ESVRRNKVGL KGPMATPIGK GHRSLNLT LR KELNLYANVR PCYSLPGYKT RYDDVNLITI RENTEGEYSG LEHQVVRGVV ESLKIITRQA SLRVAEYAFH YAKTHGRERV SAIHKANIMQ KTDGLFLKCC REVAEKYPEI KYEEVVIDNC CMMLVKNPAL FDVLVMPNLY GDIISDLCAG LIGGLGLTPS CNIGEGGIAL AEA VHGSAPD IAGKNLANPT ALLLSSVSML RHLELHDKAD RIQDAILKTI AGGKVPNWRP WRHCYNN
Source	Yeast
Protein Names	Recommended name: 3-isopropylmalate dehydrogenase, chloroplastic Short name= 3-IPM-DH Short name= IMDH EC= 1.1.1.85 Alternative name(s): Beta-IPM dehydrogenase
Expression Region	30-357
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 of Mature 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.