



# Recombinant Solanum tuberosum 3-isopropylmalate dehydrogenase, chloroplastic

<b>Product Code</b>	CSB-MP339036FIG
<b>Storage</b>	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.
<b>Uniprot No.</b>	P29696
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Solanum tuberosum (Potato)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Mammalian cell
<b>Protein Names</b>	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
<b>Expression Region</b>	30-357
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.