



# Recombinant Arabidopsis thaliana 3-isopropylmalate dehydrogenase 2, chloroplastic (IMDH2)

<b>Product Code</b>	CSB-MP310130DOA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P93832
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AVASPGK KRYTITLLPG DGIGPEV VSI AKNVLQQAGS LEGVEFNFRE MPIGGAALDL VGVPLPEETI SAAKESDAVL LGAIGGYKWD NNEKHLRPEK GLLQIRAALK VFANLRPATV LPQLVDASTL KREVAEGVDL MVVRELTGGI YFGEPRGIKT NENGEVGFN TEVYAAHEID RIARVAFETA RKRRGKLCVS DKANVLEASI LWRKRVTALA SEYPDVELSH MYVDNAAMQL VRDPKQFDTI VTNNIFGDIL SDEASMITGS IGMLPSASLS DSGPGLFEPI HGSAPDIAGQ DKANPLATIL SAAMLLKYGL GEEKAAKRIE DAVLVALNNG FRTGDIYSAG TKLVGCKEMG EEVLKSVDSQ VPASV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IMDH2
<b>Protein Names</b>	Recommended name: 3-isopropylmalate dehydrogenase 2, chloroplastic Short name= 3-IPM-DH 2 Short name= IMDH 2 EC= 1.1.1.85 Alternative name(s): Beta-IPM dehydrogenase 2
<b>Expression Region</b>	34-405
<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.