



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

Product Code	CSB-BP310130DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P93832
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	AVASPGK KRYTITLLPG DGIGPEV VSI AKNVLQQAGS LEGVEFNFRE MPIGGAALDL VGVPLPEETI SAAKESDAVL LGAIGGYKWD NNEKHLRPEK GLLQIRAALK VFANLRPATV LPQLVDASTL KREVAEGVDL MVVRELTGGI YFGEPRGIKT NENGEEVGFN TEVYAAHEID RIARVAFETA RKRRGKLCVS DKANVLEASI LWRKRVTALA SEYPDVELSH MYVDNAAMQL VRDPKQFDTI VTNNIFGDIL SDEASMITGS IGMLPSASLS DSGPGLFEPI HGSAPDIAGQ DKANPLATIL SAAMLLKYGL GEEKAAKRIE DAVLVALNNG FRTGDIYSAG TKLVGCKEMG EEVLKSVDSQ VPASV
Source	Baculovirus
Target Names	IMDH2
Protein Names	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
Expression Region	34-405
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.