



Recombinant Arabidopsis thaliana Isocitrate dehydrogenase [NAD] regulatory subunit 1, mitochondrial (IDH1)

Product Code	CSB-MP850685DOA
Abbreviation	IDH1
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.	Q8LFC0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	VTYMP RPGDGAPRAV TLIPGDGIGP LVTNAVEQVM EAMHAPIFFE KYDVHGEMSR VPPEVMESIR KNKVCLKGGL KTPVGGGVSS LNVQLRKELD LFASLVNCFN LPGLPTRHEN VDIVVIRENT EGEYAGLEHE VVPGVVESLK VITKFCSERI AKYAFEYAYL NNRKKVTAVH KANIMKLADG LFLESCREVA KKYPSITYNE IVDNCCMQL VAKPEQFDVM VTPNLYGNLV ANTAAGIAGG TGVMPPGGNVG ADHAVFEQGA SAGNVGKDKI VLENKANPVA LLLSSAMMLR HLQFPSFADR LETAVKKVIA EGKCRTKDLG GTSTTQEVVD AVIAKLD
Source	Mammalian cell
Target Names	IDH1
Protein Names	Recommended name: Isocitrate dehydrogenase [NAD] regulatory subunit 1, mitochondrial EC= 1.1.1.41 Alternative name(s): IDH-I Isocitric dehydrogenase 1 NAD(+)-specific ICDH 1
Expression Region	26-367
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.



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