



Recombinant *Ajellomyces capsulatus* Isocitrate dehydrogenase [NAD] subunit 1, mitochondrial (IDH1)

Product Code	CSB-MP517526AZC
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.	O13302
Product Type	Recombinant Protein
Immunogen Species	<i>Ajellomyces capsulatus</i> (Darling's disease fungus) (<i>Histoplasma capsulatum</i>)
Purity	≥85% (SDS-PAGE)
Sequence	ATVQS DIFKPTKYGG KYTVTLIPGD GIGTEVAESV KTIFKADNVP IEWEQVDVSG LDAGNKHSED LFKESIASLK RNKLGLKGIL HTPVERSGHQ SFNVALRQEL DIYASIVLIK NIPGYKTRHD NVDLCIIREN TEGEYSGLEH QSVSGVVESL KIITRAKSER IAKFAFSFAL ANNRKKVTCI HKANIMKLAD GLFRSTFHKV AESYPTLETN DMIVDNASMQ AVARPQQFDV MVMPNLYGGI LSNVGAALVG GPGIVPGCNM GRDVAVFEPG CRHVGLDIKG KDQANPTALI LSGSMLLRHL GLDEHANRIS KAVYDVIGEG VTRTRDMGGQ ASTHEFTRAV LDKMESAL
Source	Mammalian cell
Target Names	IDH1
Protein Names	Recommended name: Isocitrate dehydrogenase [NAD] subunit 1, mitochondrial EC= 1.1.1.41 Alternative name(s): Isocitric dehydrogenase NAD(+)-specific ICDH
Expression Region	36-388
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



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