



Recombinant *Saccharomyces cerevisiae* Isocitrate dehydrogenase [NAD] subunit 1, mitochondrial (IDH1)

Product Code	CSB-MP341012SVG
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.	P28834
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	ATAAQAERT LPKKYGGFRFT VTLIPGDGVG KEITDSVRTI FEAENIPIDW ETINIKQTDH KEGVYEAVES LKRNKIGLKG LWHTPADQTG HGSLNVALRK QLDIYANVAL FKSLKGVKTR IPDIDLIVIR ENTEGEFSGL EHESVPGVVE SLKVMTRPKT ERIARFAFDF AKKYNRKSVT AVHKANIMKL GDGLFRNIIT EIGQKEYPDI DVSSIIDNA SMQAVAKPHQ FDLVTPSMY GTILGNIGAA LIGGPGLVAG ANFGRDYAVF EPGSRHVGLD IKGQNVANPT AMILSSTLML NHLGLNEYAT RISKAVHETI AEGKHTTRDI GGSSTTDFT NEIINKLSTM
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	12-360
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.