Recombinant Saccharomyces cerevisiae Isocitrate dehydrogenase [NADP] cytoplasmic (IDP2)

Product Code	CSB-EP010989SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P41939
Product Type	Recombinant Protein
Immunogen Species	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MTKIKVANPI VEMDGDEQTR IIWHLIRDKL VLPYLDVDLK YYDLSVEYRD QTNDQVTVDS ATATLKYGVA VKCATITPDE ARVEEFHLKK MWKSPNGTIR NILGGTVFRE PIIIPRIPRL VPQWEKPIII GRHAFGDQYK ATDVIVPEEG ELRLVYKSKS GTHDVDLKVF DYPEHGGVAM MMYNTTDSIE GFAKASFELA IERKLPLYST TKNTILKKYD GKFKDVFEAM YARSYKEKFE SLGIWYEHRL IDDMVAQMLK SKGGYIIAMK NYDGDVESDI VAQGFGSLGL MTSVLITPDG KTFESEAAHG TVTRHFRQHQ QGKETSTNSI ASIFAWTRGI IQRGKLDNTP DVVKFGQILE SATVNTVQED GIMTKDLALI LGKSERSAYV TTEEFIDAVE SRLKKEFEAA AL
Source	E.coli
Target Names	IDP2
Protein Names	Recommended name: Isocitrate dehydrogenase [NADP] cytoplasmic Short name= IDH EC= 1.1.1.42 Alternative name(s): IDP NADP(+)-specific ICDH Oxalosuccinate decarboxylase
Expression Region	1-412
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 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.