



Recombinant Escherichia coli Isocitrate dehydrogenase [NADP] (icd)

Product Code	CSB-EP010990ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08200
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MESKVVVPAQ GKKITLQNGK LNVPENPIIP YIEGDGIGVD VTPAMLKVVD AAVEKAYKGE RKISWMEIYT GEKSTQVYGQ DVWLPAETLD LIREYRVAIK GPLTTPVGGG IRSLNVALRQ ELDLYICLRP VRYQQGTPSP VKHPELTD IFRENSEDIY AGIEWKADSA DAEKVIKFLR EEMGVKKIRF PEHCGIGIKP CSEEGTKRLV RAAIEYAIAN DRDSVTLVHK GNIMKFTEGA FKDWGYQLAR EEFGGELIDG GPWLKVKNPN TGKEIVIKDV IADAFLLQIL LRPAEYDVIA CMNLNGDYIS DALAAQVGGI GIAPGANIGD ECALFEATHG TAPKYAGQDK VNPSSIILSA EMMLRHMGTW EAADLIVKGM EGAINAKTVT YDFERLMDGA KLLKCSEFGD AIIENM
Source	E.coli
Target Names	icd
Protein Names	Recommended name: Isocitrate dehydrogenase [NADP] Short name= IDH EC= 1.1.1.42 Alternative name(s): IDP NADP(+)-specific ICDH Oxalosuccinate decarboxylase
Expression Region	1-416
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.