



Recombinant Rickettsia typhi Isocitrate dehydrogenase [NADP] (icd)

Product Code	CSB-EP734714RNE-B
Abbreviation	icd
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.	Q68XA5
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MAEFTPITIA YGDGIGPEIM DAVLYILRQA EARISLETIE VGEKLYKKHY TSGISEESWN VIQRTGIILK APITTPQSGG YKSLNVTIRK TLQLFANIRP AVSFHPFTRT LHPNLNLTII RENEEDLYSG IEYRQTHNMY ESLKLISHTG CKKIIRYAFE YAVKNNRKKV TCLSKDNIMK FSDGIFHRVF NEIAKEYPQI DNEHYIIDIG TAKLATTPEI FDIIVTSNLY GDIISDVAE ISGSVGLAGS ANIGQHYAMF EAVHGSAPDI AGKGIANPSG LLNAAIMMLV HIGQGDIASL IENAWKKTIE DGVHTFDIYS EHSSSKKVCT KEFAEEVIKR LGQLPMTLPK ASYPLIVKKQ ESKIEYKIDT TEVKKLVGTD IFINIHVFSA HDIADKINKL DIGNFELKTI SSKGLKLWPH DLRFEIISDH WCCRFMNKDG TEIKHLDIII LLQALSKANI DFIKVENLFE FDGVACYSLA QGE
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	1-483
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.



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