



Recombinant *Macaca fascicularis* Isocitrate dehydrogenase [NADP], mitochondrial (IDH2)

Product Code	CSB-EP680991MOV
Abbreviation	IDH2
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.	Q4R502
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca fascicularis</i> (Crab-eating macaque) (<i>Cynomolgus</i> monkey)
Purity	≥85% (SDS-PAGE)
Sequence	A DKRIKVAKPV VEMDGDEMTR IIWQFIKEKL ILPHVDIQLK YFDLGLPNRD QTDDQVTIDS ALATQKYSVA VKCATITPDE ARVEEFKLLK MWKSPNGTIR NILGGTVFRE PIICKNIPRL VPGWTKPITI GRHAHGDQYK ATDFVADRAG TFKMVFTPKD GSGVKEWEVY NFPAGGVGMG MYNTDEISIG FAHSCFQYAI QKKWPLYMST KNTILKAYDG RFKDIFQEIF DKHYKTDFDK NKIWEHRLI DDMVAQVLKS SGGFVWACKN YDGDVQSDIL AQGFGLSLGLM TSVLVCPDGG TIEAEEAHGT VTRHYREHQB GRPTSTNPIA SIFAWTRGLE HRGKLDGNQD LIRFAQTLEK VCVETVESGA MTKDLAGCIH GLSNVKLNEH FLNTTDFLDT IKSNLDRALG RQ
Source	<i>E. coli</i>
Target Names	IDH2
Protein Names	Recommended name: Isocitrate dehydrogenase [NADP], mitochondrial Short name= IDH EC= 1.1.1.42 Alternative name(s): ICD-M IDP NADP(+)-specific ICDH Oxalosuccinate decarboxylase
Expression Region	40-452
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.