



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

<b>Product Code</b>	CSB-MP680991MOV
<b>Abbreviation</b>	IDH2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q4R502
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Macaca fascicularis</i> (Crab-eating macaque) ( <i>Cynomolgus</i> monkey)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	A DKRIKVAKPV VEMDGDEMTR IIWQFIKEKL ILPHVDIQLK YFDLGLPNRD QTDDQVTIDS ALATQKYSVA VKCATITPDE ARVEEFKLLK MWKSPNGTIR NILGGTVFRE PIICKNIPRL VPGWTKPITI GRHAHGDQYK ATDFVADRAG TFKMFVTPKD GSGVKEWEVY NFPAGGVGMG MYNTDEISIG FAHSCFQYAI QKKWPLYMST KNTILKAYDG RFKDIFQEIF DKHYKTDFDK NKIWEYHRLI DDMVAQVLKS SGGFVWACKN YDGDVQSDIL AQGFGLSLGLM TSVLVCPDGG TIEAEEAHGT VTRHYREHQB GRPTSTNPIA SIFAWTRGLE HRGKLDGNQD LIRFAQTLEK VCVETVESGA MTKDLAGCIH GLSNVKLNEH FLNTTDFLDT IKSNLDRALG RQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IDH2
<b>Protein Names</b>	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
<b>Expression Region</b>	40-452
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.