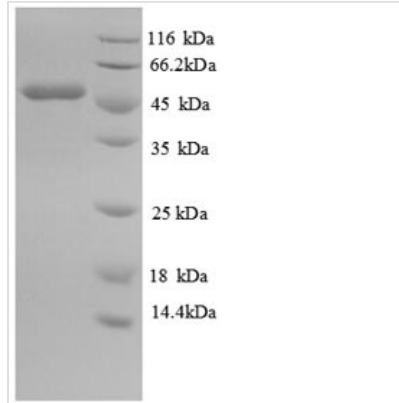




Recombinant Mouse Isocitrate dehydrogenase [NADP] Cytoplasmic domain (Idh1), partial

Product Code	CSB-EP010989MO
Abbreviation	Recombinant Mouse Idh1 protein, partial
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.	O88844
Alias	Cytosolic NADP-isocitrate dehydrogenaseIDPNADP(+)-specific ICDHOxalosuccinate decarboxylase
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GGSVVEMQGDDEMTRIIWELIKEKLILPYVELDLHSYDLGIENRDATNDQVTKDA AEAIAKKYNVGVKCATITPDEKRVVEEFKLLKQMWKSPNGTIRNILGGTVFREAICK NIPRLVTGWVKPIIIGRHAYGDQYRATDFVVPGPVKVEITYTPKDGTQKVTYMV HDFEEGGGVAMGMYNQDKSIEDFAHSSFQMALSKGWPLYLSTKNTILKKYDG RFKIDIFQEIYDKKYKSQFEAQKICYEHLIDDMVAQAMKSEGFIWACKNYDG DVQSDSVAQGYGSLGMMTSVLICPDGKTVEAEEAHGTVTRHYRMYQKQGET STNPIASIFAWSRGLAHRAKLDNNTLSFFAKALEDVCIETIEAGFMTKDLAACI KGLPNVQRSYDLNTFEFMDKLGLENLKA
Research Area	Others
Source	E.coli
Target Names	Idh1
Expression Region	7-407aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	49.2kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.