Recombinant Mouse NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (Ndufa8)

Product Code	CSB-MP880571MO
Abbreviation	Ndufa8
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.	Q9DCJ5
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	PGIVELPTL EELKVEEVKV SSAVLKAAAH HYGAQCDKTN KEFMLCRWEE KDPRRCLKEG KLVNGCALNF FRQIKSHCAE PFTEYWTCLD YSNMQLFRHC RQQQAKFDQC VLDKLGWVRP DLGQLSKVTK VKTDRPLPEN PYHSRARPEP NPVIEGDLKP AKHGTRFFFW TV
Source	Mammalian cell
Target Names	Ndufa8
Protein Names	Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 Alternative name(s): Complex I-19kD Short name= CI-19kD Complex I-PGIV Short name= CI-PGIV NADH-ubiquinone oxidoreductase 19 kDa subunit
Expression Region	2-172
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
Target Details	This protein belongs to the complex I 19 kDA subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transfering electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
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.