Recombinant Mouse NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (Ndufb7)

Product Code	CSB-BP887441MO
Abbreviation	Ndufb7
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.	Q9CR61
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	GAHLTRRYL WDASVEPDPE KIPSFPPDLG FPERKERVMV ATQQEMMDAQ LTLQQRDYCA HYLIRLLKCK RDSFPNFLAC KHEQHDWDYC EHLDYVKRMK EFERERRLLQ RKKRRALKEA RVAQGQGEGE VGPEVAL
Source	Baculovirus
Target Names	Ndufb7
Protein Names	Recommended name: NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 Alternative name(s): Complex I-B18 Short name= CI-B18 NADH-ubiquinone oxidoreductase B18 subunit
Expression Region	2-137
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 is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It is located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers 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.