Recombinant Mouse NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial (Ndufv3)

Product Code	CSB-EP804818MO-B
Abbreviation	Ndufv3
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.	Q8BK30
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	STESE KSAKEKELHP KTQSVLKEPE PTDTTTYKNL QHHDYNTYTF LDLNLDLSKF RLPQPSSGRE SPRH
Source	E.coli
Target Names	Ndufv3
Protein Names	Recommended name: NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial Alternative name(s): Complex I-9kD Short name= CI-9kD NADH-ubiquinone oxidoreductase 9 kDa subunit
Expression Region	36-104
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 one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene.
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.

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