Recombinant Macaca mulatta NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 (NDUFA4)

Product Code	CSB-BP666327MOW
Abbreviation	NDUFA4
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.	Q3YAJ5
Product Type	Recombinant Protein
Immunogen Species	Macaca mulatta (Rhesus macaque)
Purity	>85% (SDS-PAGE)
Sequence	MLRHILGLAK KHPSLIPLFV FLGTGATGAT LYLLRLALFS PDVCWDRNNP EPWNKLGPND QYKFYSVNVD YDKLKKERPD F
Source	Baculovirus
Target Names	NDUFA4
Protein Names	Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 Alternative name(s): Complex I-MLRQ Short name= CI-MLRQ NADH-ubiquinone oxidoreductase MLRQ subunit
Expression Region	1-81
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 protein
Target Details	This protein belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. 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.