



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

| | |
|--------------------------|---|
| Product Code | CSB-EP666327MOW-B |
| 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 EPWNKLGPNQ QYKFYSVNVD YDKLKKERPD F |
| Source | E.coli |
| 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.