



Recombinant Dog NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10 (NDUFA10)

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| Product Code | CSB-EP015619DO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P54713 |
| Product Type | Recombinant Protein |
| Immunogen Species | Canis lupus familiaris (Dog) (Canis familiaris) |
| Purity | >85% (SDS-PAGE) |
| Sequence | LQYGPLAXIL GE |
| Source | E.coli |
| Target Names | NDUFA10 |
| Protein Names | Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10 Alternative name(s): Complex I-42kD Short name= CI-42kD NADH-ubiquinone oxidoreductase 42 kDa subunit |
| Expression Region | 1-12 |
| 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 42kDA subunit family. Mammalian complex I is the first enzyme complex in the electron transport chain of mitochondria. It is composed of 45 different subunits. This protein is a component of the hydrophobic protein fraction and has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. |
| 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. |