



Recombinant Bovine NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial (NDUFV3)

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| Product Code | CSB-BP015671BO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P25712 |
| Product Type | Recombinant Protein |
| Immunogen Species | Bos taurus (Bovine) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SAESGK NEKGLPPNPK KQSPPKPVSAAPTEPFDNT TYKNLQHHDY STYTFLDLNL DLSKFRMPQP SSGRESPRH |
| Source | Baculovirus |
| 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 | 35-109 |
| 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. 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. |