



Recombinant Pongo pygmaeus NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial (NDUFS2)

| | |
|--------------------------|--|
| Product Code | CSB-EP608081EXP |
| Abbreviation | NDUFS2 |
| 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. | Q0MQG3 |
| Product Type | Recombinant Protein |
| Immunogen Species | Pongo pygmaeus (Bornean orangutan) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | VRQWQPD VEWAQQFGGA VMYPSKETAH WKPPPWNDVE PPKDTIVKNM TLNFGPQHPA AHGVLRLVME LSGEMVRKCD PHIGLLHRGT EKLIEYKTYL QALPYFDRLD YVSMCNEQA YSLAVEKLLN IRPPPRAQWI RVLFGIEITRL LNHIMAVTTH ALDLGAMTPF FWLFEEREKM FEFYERVSGA RMHAAAYIRPG GVHQDLPLGL MDDIYQFSKN FSLRLDELEE LLTNNRIWRN RTIDIGVVTA EEALNYGFSG VMLRGSIGIW DLRKTQPYDV YDQVEFDVPV GSRGDCYDRY LCRVEEMRQS LRIIAQCLNK MPPGEIKVDD AKVSPPKRAE MKTSMESLIH HFKLYTEGYQ VPPGATYTAI EAPKGEFGVY LVSDGSSRPY RCKIKAPGFA HLASLDKMSK GHMLADVVAI IGTQDIVFGE VDR |
| Source | E.coli |
| Target Names | NDUFS2 |
| Protein Names | Recommended name: NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial EC= 1.6.5.3 EC= 1.6.99.3 Alternative name(s): Complex I-49kD Short name= CI-49kD NADH-ubiquinone oxidoreductase 49 kDa subunit |
| Expression Region | 34-463 |
| 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 |
| 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.