



Recombinant *Drosophila melanogaster* NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial (ND42)

Product Code	CSB-EP308985DLU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P91929
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	TKKYSVFNAI FDKTSKRFDE NSKVICVEGP IAAGKSKFAK ELAEELDMEY YPAVDLDLIY INSYGYDMRK LDPQLPPSCR SYDVRNFCLD PSHDLAAQFQ IRMYMLRYSQ YIDALQHVLS TGQGVVLERS PYSDFVFMEA MFRQGYLSRG ARSVYNELRQ NTIGELLKPH LVIYLDLPVD AVKKQIKARN VDYEVSQKVF SDAYLSGLEQ LYKQQYLKDI STHAELLIYD WTAGGETEVV VEDIERIDFN QFEADIHNNK MLDWRFPLEA EWCEARIKYC HEKPDLMNYF NVPRFDVPEL VRSADDGKVV RDVWFNAPGM KYRPGYNADM GDEGLLTKTK IGINQGI
Source	<i>E. coli</i>
Target Names	ND-42
Protein Names	Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial Alternative name(s): Complex I-42kD Short name= CI-42kD NADH-ubiquinone oxidoreductase 42 kDa subunit
Expression Region	61-407
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.