



# Recombinant Bovine NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (NDUFA8)

<b>Product Code</b>	CSB-EP015633BO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P42029
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	PGIVELPSL EDLKVQEVKV SSSVLKAAAH HYGAQCCKPN KEFMLCRWEE KDP RRCL E EG KLVNQCALEF FRQIKRHCAE PFTEYWTCID YSGLQLFRRC RKQQAQFDEC VLDKLGWVRP DLGDLSKVTK VKTDRPLPEN PYHSRARPEP NPEVEGDLKP ARHGSR LFFW TM
<b>Source</b>	E.coli
<b>Target Names</b>	NDUFA8
<b>Protein Names</b>	Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 Alternative name(s): Complex I-19kD Short name= CI-19kD Complex I-PGIV Short name= CI-PGIV NADH-ubiquinone oxidoreductase 19 kDa subunit
<b>Expression Region</b>	2-172
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein belongs to the complex I 19 kDa subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.