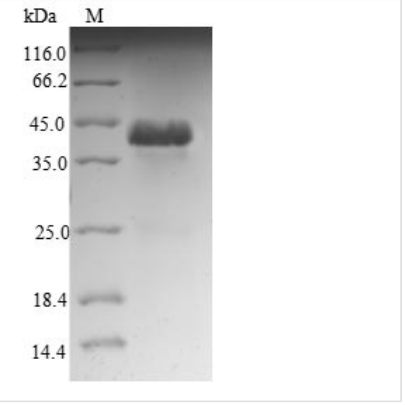
Recombinant Human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (NDUFA12)

Product Code	CSB-EP883413HU
Relevance	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Abbreviation	Recombinant Human NDUFA12 protein
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.	Q9UI09
Alias	13 kDa differentiation-associated protein Complex I-B17.2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MELVQVLKRGLQQITGHGGLRGYLRVFFRTNDAKVGTLVGEDKYGNKYYEDN KQFFGRHRWVVYTTEMNGKNTFWDVDGSMVPPEWHRWLHSMTDDPPTTKP LTARKFIWTNHKFNVTGTPEQYVPYSTTRKKIQEWIPPSTPYK
Research Area	Signal Transduction
Source	E.coli
Target Names	NDUFA12
Protein Names	Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 Alternative name(s): 13 kDa differentiation-associated protein Complex I-B17.2 Short name= CI-B17.2 Short name= CIB17.2 NADH-ubiquinone oxidoredu
Expression Region	1-145aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	44.1kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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