



[Go to Product page](#)

Datasheet for ABIN667110
NDUFS4 Protein (AA 43-175)

1 Image

Overview

Quantity:	100 µg
Target:	NDUFS4
Protein Characteristics:	AA 43-175
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	NDUFS4, 43-175 aa, Human, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	NDUFS4
Alternative Name:	NDUFS4 (NDUFS4 Products)

Background: NDUFS4, also known as NADH dehydrogenase (ubiquinone) Fe-S protein 4, is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. Recombinant human NDUFS4

Target Details

protein was expressed in E.coli and purified by using conventional chromatography. Synonyms: NADH dehydrogenase (ubiquinone) Fe-S protein 4, AQDQ, NADH dehydrogenase (ubiquinone) Fe-S protein 4 Cl 18 kDa, Cl AQDQ, Complex I 18 kDa, Complex I AQDQ, mitochondrial respiratory chain complex I (18 KD subunit), NADH dehydrogenase, NADH ubiquinone oxidoreductase 18 kDa subunit. NCBI no.: NP_002486

Molecular Weight: 15.5 kDa (134aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

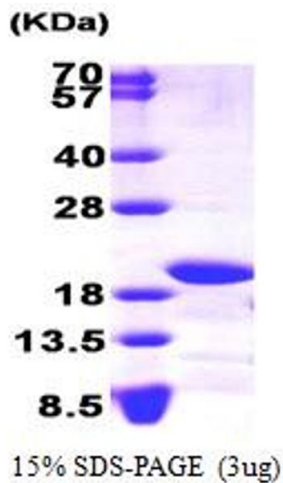
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.