

Recombinant Human NDUFA8 Protein, His-tagged

Cat. No. NDUFA8-129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFA8 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene 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. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	19.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NDUFA8 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa [Homo
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	sapiens]
Official Symbol	NDUFA8
Synonyms	NDUFA8; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kD, PGIV); NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8; complex I PGIV subunit; MGC793; PGIV; complex I-19kD; complex I-PGIV; NADH:ubiquinone oxidoreductase PGIV subunit; NADH-ubiquinone oxidoreductase 19 kDa subunit; CI-19KD; CI-PGIV;
Gene ID	4702
mRNA Refseq	NM_014222
Protein Refseq	NP_055037
MIM	603359
UniProt ID	P51970