

Recombinant Human NDUFA4, His-tagged

Cat. No. NDUFA4-214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDUFA4, 1-81aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-81aa
Description	NDUFA4 belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Recombinant human NDUFA4 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	11.8 kDa (104aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLRQIIG QAKKHPSLIP LFVFIGTGAT GATLYLLRLA LFNPDVCWDR NNPEPWNLKG PNDQYKFYSV NVDYSKCLKKE RPDF
Purity	>80 % by SDS - PAGE

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Storage

Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration

1.0 mg/ml (determined by Bradford assay)

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