

Recombinant Human NADH Dehydrogenase (Ubiquinone) Complex I, Assembly Factor 4, His-tagged

Cat. No. NDUFAF4-7199H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NDUFAF4 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 22.7 kDa.
Species	Human
Source	E.coli
ProteinLength	1-175aa
Description	DH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4, also known as NDUFAF4, is involved in the assembly of mitochondrial NADH: ubiquinone oxidoreductase complex (complex I). This protein may be involved in cell proliferation and survival of hormone-dependent tumor cells. This protein may be a regulator of breast tumor cell invasion.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	22.7 kDa (198aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGALVIR GIRNFNLENR AEREISKMKP SVAPRHPSTN SLLREQISLY PEVKGEIARK DEKLLSFLKD VYVDSKDPVS SLQVKAAETC QEPKEFRLPK DHHFDMINIK SIPKGKISIV EALTLLNNHK

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LFPETWTAEK IMQEYQLEQK DVNSLLKYFV TFEVEIFPPE DKKAIRSK

Purity >85% by SDS - PAGE

Applications SDS-PAGE

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

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [NDUFAF4 NADH dehydrogenase \(ubiquinone\) 1 alpha subcomplex, assembly factor 4 \[Homo sapiens \]](#)

Official Symbol NDUFAF4

Synonyms NDUFAF4; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4; C6orf66, chromosome 6 open reading frame 66; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4; bA22L21.1; HRPAP20; HSPC125; My013; hormone-regulated proliferation-associated protein, 20 kDa; hormone-regulated proliferation-associated protein of 20 kDa; C6orf66;

Gene ID [29078](#)

mRNA Refseq [NM_014165](#)

Protein Refseq [NP_054884](#)

MIM [611776](#)

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UniProt ID	Q9P032
Chromosome Location	6q16.3
Function	calmodulin binding; protein binding;

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