

NDuFA4 recombinant protein

NDuFA4, 1-81aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48880	HOST E Coli	APPLICATIONS SDS-Page
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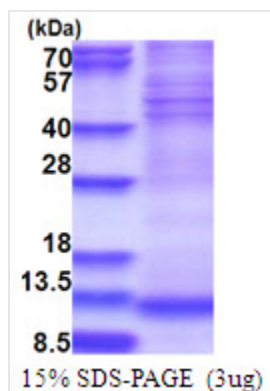
PRODUCT SYNONYMS

NDuFA4; 1-81aa; Human; His tag; E Coli (Denatured); NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4; CI-9k; CI-MLRQ; MLRQ; NDuFA4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMLRQIIG QAKKHPSLIP LFVFIGTGAT GATLYLLRLA LFNPDVCWDR NNPEPWNLG PNDQYKFYSV NVDYSKLKKE RPDF
Sequence Length	81
Applicable Applications for NDuFA4 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NDuFA4 recombinant protein	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.
Product Categories/Family for NDuFA4 recombinant protein	Signal Transduction
References	Kim J.W., Lee Y., et al. (1997), Biochem. Mol. Biol. Int. 43:669-675

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505357
NCBI GeneID	4697
NCBI Accession #	NP_002480
NCBI GenBank Nucleotide #	NM_002489.3
UniProt Accession #	O00483; Q6FHN5; A4D109
Molecular Weight	11.8 kDa (104aa)
NCBI Official Full Name	cytochrome c oxidase subunit NDuFA4
NCBI Official Synonym Full Names	NDuFA4, mitochondrial complex associated
NCBI Official Symbol	NDuFA4
NCBI Official Synonym Symbols	MLRQ; CI-9k; CI-MLRQ
NCBI Protein Information	cytochrome c oxidase subunit NDuFA4
UniProt Protein Name	Cytochrome c oxidase subunit NDuFA4
UniProt Gene Name	NDuFA4
UniProt Synonym Gene Names	CI-MLRQ

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.