

Product datasheet for TP303464

NDUFA9 (NM_005002) Human Recombinant Protein

Product data:

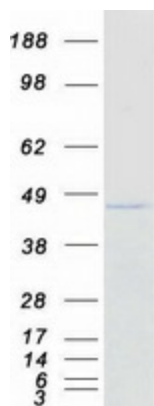
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa (NDUFA9), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203464 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAAAAQSRVVRVLSMSRSATAIATSVCHGPPCRQLHHALMPHGKGGRSSVSGIVATVFGATGFLGRYV NHLGRMGSQVIIPYRCDKYDIMHLRPMGDLGQLLFLEWDARDKDSIRRVVQHSNVINLIGRDWETKNFD FEDVFKIPQAIAQLSKEAGVEKFIHVSHLNANIKSSRYLRNKAVGEKVVRDAFPEAIVKPSDIFGRE DRFLNSFASMHRFGPIPLGSLGWKTVKQPVYVVDVSKGIVNAVKDPDANGKSFVFGPSRYLLFHLVKYI FAVAHRLFLPFPLPLFAYRWVARVFEISPFEPWITRDKVERMHITDMKPLHPLGLEDLGIQATPLELKAI EVLRRHRTYRWLSAEIEDVKPAKTVNI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	42.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004993</u>



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Locus ID:	4704
UniProt ID:	Q16795
RefSeq Size:	1621
Cytogenetics:	12p13.32
RefSeq ORF:	1131
Synonyms:	CC6; CI-39k; CI39k; COQ11; MC1DN26; NDUFS2L; SDR22E1
Summary:	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12. [provided by RefSeq, May 2010]
Protein Pathways:	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



Coomassie blue staining of purified NDUFA9 protein (Cat# TP303464). The protein was produced from HEK293T cells transfected with NDUFA9 cDNA clone (Cat# [RC203464]) using MegaTran 2.0 (Cat# [TT210002]).