

Product datasheet for **TP310771M**

NDUFC1 (NM_002494) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa (NDUFC1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210771 protein sequence Red =Cloning site Green =Tags(s)
	MAPSALLRPLSRLLAPARLPSGSPVRSKFYVREPPNAKPDWLKVGFTLGTTFVLWIYLIKQHNEIDILEYKRRNGLE
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	8.6 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:	NP_002485
Locus ID:	4717
UniProt ID:	O43677
RefSeq Size:	860



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Cytogenetics: 4q31.1

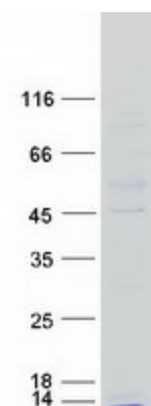
RefSeq ORF: 228

Synonyms: KFYI

Summary: The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants. [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 NDUFC1 protein (Cat# [TP310771]). The protein was produced from HEK293T cells transfected with NDUFC1 cDNA clone (Cat# [RC210771]) using MegaTran 2.0 (Cat# [TT210002]).