

Product datasheet for **TP300534M**

NDUFA7 (NM_005001) Human Recombinant Protein

Product data:

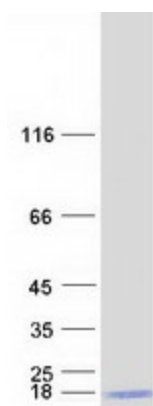
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa (NDUFA7), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200534 protein sequence Red =Cloning site Green =Tags(s)
	MASATRLIQRLRNWASGHDLQGKQLRLRYQEISKRTQPPPKLPVGPSPHKLSSNNYYCTRDGRRESVPPSIIM SSQKALVSGKPAESSAVAATEKKAVTPAPPIKRWELSSDQPYL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.4 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_004992
Locus ID:	4701
UniProt ID:	O95182
RefSeq Size:	585



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Cytogenetics:	19p13.2
RefSeq ORF:	339
Synonyms:	B14.5a; CI-B14.5a
Summary:	This gene encodes a subunit of NADH:ubiquinone oxidoreductase (complex I), which is a multiprotein complex located in the inner mitochondrial membrane. Complex I functions in the transfer of electrons from NADH to the respiratory chain. [provided by RefSeq, Mar 2011]
Protein Pathways:	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



Coomassie blue staining of purified NDUFA7 protein (Cat# [TP300534]). The protein was produced from HEK293T cells transfected with NDUFA7 cDNA clone (Cat# [RC200534]) using MegaTran 2.0 (Cat# [TT210002]).