

Product datasheet for **TP300534L**

NDUFA7 (NM_005001) Human Recombinant Protein

Product data:

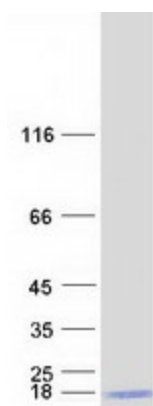
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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa (NDUFA7), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC200534 protein sequence Red =Cloning site Green =Tags(s) |
| | MASATRLIQRLRNWASGHDLQGKLQLRYQEISKRTQPPPKLPVGPSPHKLNNYYCTRDGRRESVPPSIIM 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]).