

Product datasheet for **TP515813**

Ndufa12 (NM_025551) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse NADH:ubiquinone oxidoreductase subunit A12 (Ndufa12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA >MR215813 protein sequence

Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MQMRMELVEVLKRGVQQVTGHGGLRGLLRVFFRAN DIRIGTLVGEDKYGNKYEDNKQFFGRHRWVIYTT
EMNGKNTFWDVDGSMVPEWHRWHLHCMDDPPTTNPPTARKFIWTNHKFNVSATPEQYVPYSTTRKEIHE
WVPPSTPYK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 17.6 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

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 after receiving vials.

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_079827](#)

Locus ID: 66414

UniProt ID: [Q7TMF3](#), [A0A0R4J275](#)

RefSeq Size: 561

Cytogenetics: 10 C2



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RefSeq ORF: 450

Synonyms: 2410011G03Rik; AW112974

Summary: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.[UniProtKB/Swiss-Prot Function]