

Product datasheet for TP501277

Ndufs4 (NM_010887) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NADH:ubiquinone oxidoreductase core subunit S4 (Ndufs4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201277 protein sequence Red =Cloning site Green =Tags(s) MLGRRAMATAAISVCRVPSRFLSTSTWKLADNQTRDTQLITVDEKLDITTLTGVP EEHIKTRKVRIFVPA RNNMQSGVNNKKWKMEFDTRERWENPLMGWASTADPLSNMVLTFSAKEDAIAFAEKNGWSYDVEEKKVP KPKSKSYGANFSWNKRTRVSTK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.5 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:	<u>NP_035017</u>
Locus ID:	17993
UniProt ID:	<u>Q9CXZ1</u> , <u>E9QPX3</u>
RefSeq Size:	1534
Cytogenetics:	13 D2.2



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RefSeq ORF: 489

Synonyms: 6720411N02Rik; C1-18k

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]