

Product datasheet for **TP507506**

Ndufv3 (NM_030087) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NADH:ubiquinone oxidoreductase core subunit V3 (Ndufv3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207506 protein sequence Red =Cloning site Green =Tags(s)

MAVLLLLRGGRIRALKAVLLEARVFPGELVSVVRLSTESEKSAKEKELHPKTKQSVLKDVGAEEERGKLLTA
HTAAALSKNSPPSSYPSVENTGGAVAGPHPGGSLLPTDEGLPKHLSRKTVAFPQKVMPPPQARGSDSK
AQGHVQKVTNDSSSSSSSSSDSDSDGEEHDSRAPPRVASKGKAGSSKPEASRPLTTGAPKITVSAKEK
AKVQKPPTDVTYPEKTLQPKKKWTKPVEDSKEARSKPVTSRPQSSEMLEQNVKEEHQRGKPRPKTGKES
AKPCEAEVILPSHGKVRVPTQPTSGVPPTTQIQEASAEHPPAVAPRKGARYPEPKVPEPGWKTSSPLVRK
ESAEKQVPEGGSQVQEVLEDQKPVSYSKTLPVQEKDTVEESAGPHLEGFRFQVAVEAPPTDAVLPQEAPAD
TQEPEPTDTTTYKNLQHHDYNTYTFDLNLDLSKFRLPQPSSGRESRPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.5 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:	NP_084363
Locus ID:	78330



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UniProt ID: [Q3U422](#)

RefSeq Size: 1594

Cytogenetics: 17 B1

RefSeq ORF: 1410

Synonyms: 1500032D16Rik

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. May be the terminally assembled subunit of Complex I. [UniProtKB/Swiss-Prot Function]