

Product datasheet for **MR207506**

Ndufv3 (NM_030087) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndufv3 (NM_030087) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ndufv3
Synonyms:	1500032D16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207506 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGTCTCTCTCTCTCTCGGGGAGGACGGATCCGGGCGCTGAAGGCTGTGCTCTGGAGGCAAGGG
 TGTTCCCGGGAGAACTGTTTCTGTAGTGAGGCTGTCTACAGAGTCAGAGAAGAGTGCAAAGGAGAAAGA
 GCTACATCCCAAGACACAAAGTGTGCTCAAAGATGTGGGAGCAGAGGAGAGGGGCAAGCTCCTAACCGCG
 CACACAGCAGCGCACTGTCCAAAACTCACCTCCACCCAGTTCTTACCCATCAGTGAGAACACAGGTG
 GGGCTGTGGCAGGCCCGCACCTGGCGGCAGCCTGCTGCCACAGATGAAGGGCTTCCGAAGCATTGTGTC
 AAGAAAGACTTTGGTAGCGTTTCTCAGAAAGTTATGCCTCCACCCCAAGCACGGGGTTCTGACTCAAAG
 GCTCAGGGGCACGTGCAGAAAGTACAAACGATTATCTTCTATCTTCTCATCCAGCTCCTCAGATTCAG
 ACTCTGATGGGGAGAACATGACTCAGACCGTGTCTCCCCCGAGTGGCAAGCAAAGGCAAGGCAGGGTC
 TTCAAACCGGAGGCCTCCCGGCCCTTGACGACTGGAGCCCTAAAATCACAGTTTCTGCAAAGAGAAG
 GCCAAGGTCCAAAAGCCACCCACAGATGTACCTACCCAGAGAAGACCCTGCAGCCTAAGAAGAAAATGGA
 CCAAGCCTGTAGAAGACAGCAAAGAAGCCAGGTCCAAGCCGTGACATCCAGGCCACAGTCCAGTGAGAT
 GTTGGAGCAAAACGTGAAGGAAGAACCAACGGGGAAACCGAGACCAGACAAGACAGGAAAGGAAAGC
 GCAAAGCCATGTGAAGCTGAAGTAATCTTACCCAGCCACGGGAAAGTCAGAGTACCCACACAGCCCTA
 GTGGGCCAGTGCCCAACGCAAAATAACAAGAGGCCAGTGCAGAACATCCGCCAGCCGTTGCCCCAGGAA
 GGGAGCTAGATATCCGGAACCAAAGTCCAGAGCCCGGATGGAAGACCTTTCTCCCCTGGTCAGAAAA
 GAAAGCGCAGAGAAGCAGGTGCCAGAAGGAGGCTCCAGGTCCAGGAGGTCTTGAAGATCAGAAACCAG
 TGAGCTATTCGAAGACACTTCTGTTTCAGGAGAAAGATACTGTTGAAGAGAGTGCCCGACCACATCTGGA
 GGGGAGGTTCCAGGTGGCAGTCAAGCCCGCCACTGATGCAGTCTACCCAGGAAGCCCGCCGCGAC
 ACACAGGAGCCCGAGCCGACTGACACCACCACCTACAAGAACCTGCAGCACCATGACTACAACACATACA
 CCTTCTGGACCTGAACCTGGACCTCTCCAATTCAAGGCTGCCACAGCCGCTTTCAGGACGAGAGTCACC
 TCGGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207506 protein sequence
 Red=Cloning site Green=Tags(s)

MAVSLLLRGGIRALKAVLLEARVFPGELVSVVRLSTESEKSAKEKELHPKTQSVLKDVGAEEERKLLTA
 HTAAALSKNSPPSSYPSVENTGGAVAGPHPGGSLLPTDEGLPKHL SRKTLVAFPPQKVMPPPQARGSDSK
 AQGHVQKVTNDSSSSSSSSSDSDGEEHSDRAPPVASKGKAGSSKPEASRPLTTGAPKITVSAKEK
 AKVQKPPTDVTYPEKTLQPKKKWTKPVEDSKEARSKPVTSRPQSSEMLEQNVKEEHQRGKPRPKTGKES
 AKPCEAEVILPSHGKVRVPTQPTSGPVPTTQIQEASAEHPPAVAPRKGARYPEPKVPEPGWKTSSPLVRK
 ESAEKQVPEGGSQVQEVLEDQKPVSYSKTLPVQEKDTVEESAGPHLEGRFQVAVEAPPTDAVLPQEAPAD
 TQEPPTDTTTYKNLQHHDYNTYTFDLNLDLSKFRLPQPSSGRESRPH

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

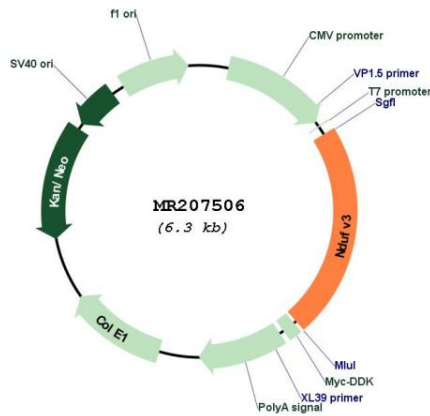
Restriction Sites:

Sgfl-MluI

MW: 50.5 kDa

Gene 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]

Product images:



Circular map for MR207506