

Product datasheet for **RN206542**

Nedd4l (NM_001008300) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nedd4l (NM_001008300) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nedd4l
Synonyms:	Nedd4-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206542 representing NM_001008300
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCAGGGAGAATCCCGTATTCTCAGAGTAAAAGTTGTTTCTGGATTGACCTCGCCAAAAAGGACA
 TATTTGGAGCCAGTGACCCATACGTGAAGCTCTCGTTGTACGTAGCTGACGAGAACAGAGAACTCGCTCT
 GGTTCCAGACTAAGACAATTA AAAAGACGCTGAACCCAAAAGTGGAAATGAAGAGTTTATTTAGAGTAAAT
 CCATCTAATCACAGGCTCTTATTTGAAGTATTTGACGAGAACAGATTGACACGAGACGACTTTCTGGGCC
 AGGTGGACGTGCCTCTTAGTCACCTCCGACAGAAGATCCAACCATGGAGAGACCCTATACATTTAAGGA
 TTTTCTCTGCGACCTAGAAGTCATAAATCACGCGTCAAGGGGTTTTTGGAGTTGAAAATGGCCTACATG
 CCGAAAAACGGAGGTGAGGATGAAGAAAACAGCGAGCAGAGGGACGACATGGAGCATGGTGGGAAGTTG
 TTGACTCAAACGACTCAGCTTCCAGCACCAGGAGGAGCTCCCTCCTCCTCCCTGCCACCAGGATGGGA
 AGAGAAAAGTGGACAATTTAGGCCGAACCTACTATGTCAACCACAACAACAGGAGTACGCAGTGGCACCGA
 CCTAGCTTGATGGATGTATCGTCAGAGTCAGACAATAACATCAGGCAGATCAATCAGGAGGCCGCACACC
 GGCGTTTTCCGCTCTCGGAGGCACATTAGTGAAGACTTGAGGCCTGAGGCCTCTGAAGGTGGTGGAGAAGG
 CCCTGAGCCTTGGGAGACCATTTAGAGGAAGTGAACATGGCGGGAGATTCTCTCAGCCTGGCTCTACCC
 CCACCTCCTGCCTCCCGAGTGTCAAGGACCAGCCCCAGGAGCTGTGGGAAGAACTGAGCAGAAGGTTGC
 AGATCACTCCGGACTCCAATGGGGAACAGTTTCACTGCTCTGATTGAGAGAGACCCCTCGTCTAGGCTCCG
 GTCCTGCACTGTTACCGACACGGTTGCTGAACAAGCTCACCTCCACCGCCAGCACCCCAACTAGGCGA
 GCCCGTTCGTCAACTGTCACGGTGGTGAAGAAATCAACGCCATCAGTGGCCTATGTACATACCACGCCGG
 GCCTACCTTCAGGCTGGGAAGAAAAGAAAGATGCTAAGGGACGCACATACTATGTCAATCATAACAATCG
 AACACAACTTGGACTCGACCAATCATGCAGCTTGCAGAAGACGGTGCCTCTGGATCAGCCACAACAGT
 AACAAACCCTAGTCAACCCAGATCCGCCGGCCTCGTAGCCTCAGCTCGCAACAGTAACCTTATCTG
 CCCCCTGGAGGGTGCCAAGGATTCACCCATACGCCGTGCTGTGAAAGATACCCTTTCCAATCCACAGTC
 CCCTCAGCCATCACCTTACAACCTCCCCAAACCACAACAAGTACACAGAGCTTCTGCCACCAGGC
 TGGGAGATGAGGATAGCGCCAAACGGCCGACCTTCTTATTGACCATAACACAAAGACGACAACCTGGG
 AAGATCCACGGCTGAAATTTCCAGTACATATGCGGTCAAAGCATCTTTAAACCCCAATGACCTGGGCC
 TCTTCTCCTGGCTGGGAAGAAAGGATCCACCTGGACGGCCGCACATTTTACATTGACCATAATAGCAA
 ATTACTCAGTGGGAAGATCCAAGACTACAGAATCCAGCCATAACTGGTCCGGCTGTGCCGTACTCCAGAG
 AATTTAAGCAGAAATACGACTACTTTAGGAAGAAATTAAGAAACCTGCTGATATTCCAACAGGTTTGA
 AATGAAACTCCACAGAAACAACATATTTGAAGAATCCTATCGGAGGATCATGTCTGTAAGAGACCTGAC
 GTCCTAAAGGCTAGACTGTGGATCGAGTTTGAATCAGAGAAAGGCTGGACTATGGGGCGTGGCCAGAG
 AGTGGTCTTCTTACTGTCCAAAGAGATGTTCAATCCCTACTATGGCCTCTTCGAGTACTCTGCCACGGA
 CAACTACACACTTCAGATCAATCCCACTCAGGCCTGTGTAACGAAGATCACTTATCCTATTTCACTTTC
 ATTTGGGAGAGTTGCTGGCCTGGCAGTGTTCATGGGAACTCTTAGATGGATTCTTCATTCGACCTTCT
 ACAAGATGATGCTGGGAAGCAAATAACTCTGAATGACATGGAGTCTGTGGACAGCGAGTACTACAACCT
 TTTGAAGTGGATCTTGGAAAACGACCCACGGAACCTTGACCTCATGTTCTGCATAGTAAGAGAACTTT
 GGGCAGACTTACCAAGTGGACCTGAAGCCCAATGGGTGAGAAATCATGGTAACCAATGAGAAACAAGCGAG
 AATATATTGACTTGGTCAATCCAGTGGAGATTTGTGAACAGGGTCCAGAAGCAAATGAATGCCCTTCTGGA
 GGGATTTACAGAACTTCTCCAATCGACTTGATTAATAATTTTGGATGAAAATGAGCTGGAGTTGCTGATG
 TGCGGCCCTTGGTGTGATGTGGACGTGAATGATTGGAGACAGCACTCCATTTACAAGAACGGCTACTGCCCA
 ACCACCCTGTCATCCAGTGGTTCTGGAAGGCCGTGCTGCTGATGGATGCTGAGAAGCGGATCCGTTACT
 ACAGTTTGTACAGGCACCTCCAGAGTACCCATGAATGGATTTGCCGAACCTTATGGTTCCAATGGTCTCT
 CAGCTGTTTACAATAGAGCAATGGGGTAGTCTGAAAAACTGCCAGAGCTCATACATGCTTTAACCGCC
 TTGATTTACCTCCGTATGAAACCTTTGAAGATCTACGGGAGAAGCTTCTCATGGCCGTGGAGAATGCTCA
 AGGCTTCAAGGTGTGGAT**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001008300
Insert Size:	2892 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001008300.2</u> , <u>NP_001008301.2</u>
RefSeq Size:	4213 bp
RefSeq ORF:	2892 bp
Locus ID:	291553
Cytogenetics:	18q12.1
Gene Summary:	mouse homolog appears to be involved in binding and regulating the amiloride-sensitive epithelial sodium channel which plays a role in sodium homeostasis and control of blood volume and blood pressure [RGD, Feb 2006]