

Product datasheet for **MR225817**

Nedd4l (NM_001114386) Mouse Tagged ORF Clone

Product data:

| | |
|--------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Nedd4l (NM_001114386) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Nedd4l |
| Synonyms: | 1300012C07Rik; Nedd4-2; Nedd4b |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide
Sequence:

>MR225817 representing NM_001114386
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGGGCTTGGGGAGCCTGTCTACGGACTTTCGGAAGAGAGGGGAGAATCCCGTATCCTCAGAG
 TAAAAGTTGTTTCTGGAATTGACCTCGCCAAGAAGGACATATTTGGAGCCAGCGACCCATACGTGAAGCT
 GTCCTTGTATGTAGCTGATGAGAATAGAGAACTTGCTCTGGTTCAAACCAAGACAATAAAAAGACGCTG
 AACCCAAAGTGAATGAAGAGTTTTATTTAGGGTAAATCCATCTAATCACAGGCTCCTATTTGAAGTAT
 TTGACGAGAACAGATTGACACGAGACGACTTCTGGGCCAGGTGGACGTGCCTCTTAGTCACCTCCGCAC
 AGAAGATCCAACCATGGAGAGACCCTATACATTTAAGGATTTTCTCCTGCGACCTAGAAGTCATAAATCT
 CGAGTCAAGGGGTTTTGAGGTTGAAAAAGCCTACATGCCGAAAACGGAGGTCAGGATGAAGAAAACA
 GCGAGCAGAGGGATGACATGGAGCATGGATGGGAAGTGGTTGACTCCAACGACTCAGCTTCCAGCACCA
 GGAGGAGCTCCCCCTCCTCCCCTGCCGCCAGGATGGGAAGAGAAAGTGGACAATTTAGGCCGAACTTAC
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 ACAATAACATCAGGCAGATCAACCAGGAGGCTGCACACCGACGCTTCCGCTCTCGGAGGCACATTAGTGA
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 ATGAACATGGCAGGAGATTCTCTCAGCCTGGCTCTGCCCCACCAGCCTGCCTCCCGAGTGTCCCGGACCA
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 CAGTTCTCTGATTCAGAGAGAGCCCTCGTCAAGGCTTCGGTCTCGAGTGTACCGACACGGTTGCTGAG
 CAAGCTCACCTTCCACCGCCAGCACCCCACTAGGCGAGCCCGTTCTGCAACTGTCACGGGTGGTGAGG
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 GGCCCCGTAGCCTCAGCTCGCCAACAGTAACTTTATCTGCCCACTGGAGGGTGCCAAGGATTCACCCAT
 CCGCCGTGCCGTGAAAGATACCCTTTCCAATCCACAGTCCCTCAGCCATCACCTTACAACCTCCCCAAA
 CCACAACACAAAGTACACAGAGCTTCTGCCACCAGGCTGGGAGATGAGGATAGCCCCAACGGCCGAC
 CCTTCTTATTGACCATAACACAAAGACTACAACCTGGGAAGATCCACGGTTGAAATTTCCAGTACACAT
 GCGGTCAAAGCATCTTTAAACCCCAATGACCTGGGCCCTTCTCCTGCTGGGAAGAGAGGATCCAC
 TTGGATGGCCGACGTTTTACATTGACCATAATAGTAAAATTACCCAGTGGGAAGATCCAAGACTACAGA
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 GAAATTAAGAAGCCTGCTGATATTCCAACAGGTTTGAATGAAACTTACAGAAAACAACATATTTGAA
 GAGTCTATCGGAGGATCATGTCTGTAAGAGACCTGACGTCTTAAAGGCTAGGCTGTGGATTGAGTTTG
 AATCAGAGAAAGGCTGGACTATGGGGCGTGGCCAGAGAATGGTTCTTCTTACTGTCCAAGAGATGTT
 TAACCCCTACTATGGCCTCTTCGAGTACTCTGCCACGGACAACACACTTCAGATCAATCCCAACTCA
 GGCTCTGTAATGAAGACCATTTGTCTATTTACCTTATTGGAAGAGTTGCTGGCCTAGCGGTGTTTC
 ATGGGAAACTCTTAGATGGATTCTTATTGACCATTTACAAGATGATGCTGGGAAGCAGATAACGCT
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 GAACTTGACCTCATGTTCTGCATAGACGAAGAGAACCTTGGGCAGACATACCAAGTGGATCTGAAGCCCA
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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225817 representing NM_001114386
 Red=Cloning site Green=Tags(s)

MATGLGEPVYGLSEEEGESRILRVKVVSGIDLAKKIDIFGASDPYVKLSLYVADENRELALVQTKTIKKT
 LNPKWNEEFYFRVNPNSNHRLLFEVFDENRLTRDDFLGQVDVPLSHLPTEDPTMERPYTFKDFLLRPRSHKS
 RVKGFRLRKMAYMPKNGGQDEENSEQRDDMEHGWEVVDSDNSASQHQEELPPPPLPPGWEEKVDNLGR
 TYVYVHNNRSTQWHRPSLMDVSSSESDNNIRQINQEAHRRFRSRRHISEDLEPEASEGGEGPEPWETI
 SEEMMAGDSLALPPPASPVSRTSPQELSEEVSRRRLQITPDSNGEQFSSLIQREPSRRLRSCSVTDV
 AEQAHLPPPSTPTRRARSSTVTGGEESTPSVAYVHTTTPGLPSGWEERKDAKGRYYVHNNRRTTWT
 RPIMLAEDGASGSATNSNHLVEPQIRRPRLSSPTVTLAPLEGAKDSPIRRAVKDTLSNPQSPQSPYNS
 PKPQHKVTQSFLPPGWEMRIAPNGRPFIDHNTKTTTWEDPRLKFPVHMRSKASLNPNLGPLPPGWE
 ERIHLDGRTFYIDHNSKITQWEDPRLQNPAITGPAVPYSREFKQKYDYFRKCLKKPADIPNRFEMK
 LHRNNIFEESYRRIMSVKRPDVLKARLWIEFESEKGLDYGGVAREWFFLLSKEMFNYYGLFEYSAT
 DNYTLQINPNSGLCNEDHLSYFTFIRVAGLAVFHGKLLDGGFFIRPFYKMLGKQITLNDMESVDSE
 YYNSLKWILENDPTELDLMFCIDEENFGQTYQVDLKPNGSEIMVTNENKREYIDLVIQWRFVNRVQ
 QMNAFLGFTTELLPIDLIKIFDENELELLMCGLDVDVNDWRQHSYKNGYCPNHPVIQWFKAVLLM
 DAEKRIRLLQFVTGTSRVP MNGFAELYGSNGPQLFTIEQWGSPEKLPRAHTCFNRLDLPYETFEDLREK
 LLMAVENAQFEGVD

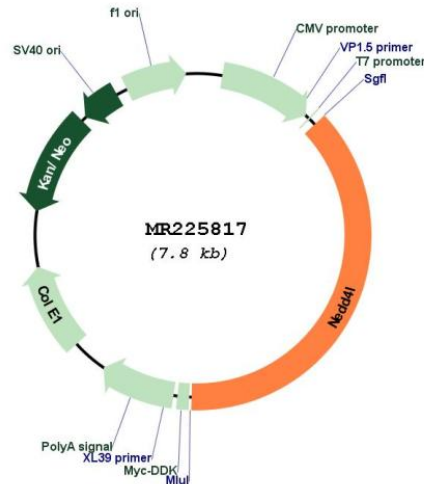
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001114386

ORF Size: 2928 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_001114386.1](#), [NP_001107858.1](#)

RefSeq Size: 8163 bp

RefSeq ORF: 2931 bp

Locus ID: 83814

Cytogenetics: 18 E1

MW: 112.7 kDa