

Product datasheet for **MG225817**

Nedd4l (NM_001114386) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nedd4l (NM_001114386) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nedd4l
Synonyms:	1300012C07Rik; Nedd4-2; Nedd4b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG225817 representing NM_001114386
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGGGCTTGGGGAGCCTGTCTACGGACTTTCGGAAGAGAGGGGAGAATCCCGTATCCTCAGAG
 TAAAAGTTGTTTCTGGAATTGACCTCGCCAAGAAGGACATATTTGGAGCCAGCGACCCATACGTGAAGCT
 GTCCTTGTATGTAGCTGATGAGAATAGAGAACTTGCTCTGGTTCAAACCAAGACAATAAAAAGACGCTG
 AACCCAAAGTGAATGAAGATTTTATTTTAGGGTAAATCCATCTAATCACAGGCTCCTATTTGAAGTAT
 TTGACGAGAACAGATTGACACGAGACGACTTCTGGGCCAGGTGGACGTGCCTCTTAGTCACCTCCGCAC
 AGAAGATCCAACCATGGAGAGACCCTATACATTTAAGGATTTTCTCCTGCGACCTAGAAGTCATAAATCT
 CGAGTCAAGGGGTTTTGAGGTTGAAAAAGCCTACATGCCGAAAACGGAGGTCAGGATGAAGAAAACA
 GCGAGCAGAGGGATGACATGGAGCATGGATGGGAAGTGGTTGACTCCAACGACTCAGCTTCCAGCACCA
 GGAGGAGCTCCCCCTCCTCCCCTGCCGCCAGGATGGGAAGAGAAAGTGGACAATTTAGGCCGAACTTAC
 TATGTCAACCACAACAACAGGAGTACTCAGTGGCACCCAGCCAGCTTGATGGATGTGTCCCTCGGAATCAG
 ACAATAACATCAGGCAGATCAACCAGGAGGCTGCACACCGACGCTTCCGCTCTCGGAGGCACATTAGTGA
 AGATTTGGAGCCTGAGGCCTCTGAAGGCGGTGGAGAAGGCCCTGAGCCTTGGGAGACATTTTCAGAGGAA
 ATGAACATGGCAGGAGATTCTCTCAGCCTGGCTCTGCCCCACCGCTGCCTCCCGAGTGTCCCGGACCA
 GCCCCAGGAGCTGTGGAAGAAGTGAAGGAGGTTGCAGATCACTCCGGACTCCAACGGGGAACAGTT
 CAGTTCTCTGATTAGAGAGAGCCCTCGTCAAGGCTTCGGTCTGCAGTGTACCGACACGGTTGCTGAG
 CAAGCTCACCTTCCACCGCCAGCACCCCACTAGGCGAGCCCGTTCTGCAACTGTCACGGGTGGTGGAG
 AATCCACGCCATCAGTGGCCTATGTACATAACACGCGCGGCTGCCTTCAGGCTGGGAAGAAAGAAAGGA
 TGCAAAGGGACGCACATACTATGTCAATCAATAACCAATCGAACCACAACCTGGACTCGGCCAATCATGCAG
 CTTGCAGAAGACGGTGCCTCCGGATCAGCCACAACAGTAACAACCACTAGTCGAACCCAGATCCGCC
 GGCCCCGTAGCCTCAGCTCGCCAACAGTAACTTTATCTGCCCACTGGAGGGTGCCTAAGGATTACCCCAT
 CCGCCGTGCCGTGAAAGATACCCTTTCCAATCCACAGTCCCTCAGCCATCACCTTACAACCTCCCCAAA
 CCACAACACAAAGTACACAGAGCTTCTGCCACCAGGCTGGGAGATGAGGATAGCCCCAACGGCCGAC
 CCTTCTTATTGACCATAACACAAGACTACAACCTGGGAAGATCCACGGTTGAAATTTCCAGTACACAT
 GCGGTCAAAGCATCTTTAAACCCCAATGACCTGGGCCCTTCTCCTGCTGGGAAGAGAGGATCCAC
 TTGGATGGCCGACGTTTTACATTGACCATAATAGTAAAATTACCCAGTGGGAAGATCCAAGACTACAGA
 ACCCAGCCATCACTGGTCCGGCTGTTCCGTAATCCAGAGAGTTTAAAGCAGAAATACGACTACTTTAGGAA
 GAAATTAAGAAGCCTGCTGATATTCCAACAGGTTTGAATGAAACTTACAGAAAACAACATATTTGAA
 GAGTCTATCGGAGGATCATGTCTGTAAGAGACCTGACGTCTTAAAGGCTAGGCTGTGGATTGAGTTTG
 AATCAGAGAAAGGCTGGACTATGGGGCGTGGCCAGAGAATGGTTCTTCTTACTGTCCAAGAGATGTT
 TAACCCCTACTATGGCCTCTTCGAGTACTCTGCCACGGACAACACACTTCAGATCAATCCCAACTCA
 GGCTCTGTAATGAAGACCATTTGTCTATTTACCTTATTGGAAGAGTTGCTGGCCTAGCGGTGTTTC
 ATGGGAAACTCTTAGATGGATTCTTATTGACCATTTACAAGATGATGCTGGGAAGCAGATAACGCT
 GAACGACATGGAGTCCGTGGACAGCGAGTACTACAACCTTTTGAAGTGGATCTTAGAAAACGACCCACG
 GAACTTGACCTCATGTTCTGCATAGACGAAGAGAATTTGGGCAGACATACCAAGTGGATCTGAAGCCCA
 ACGGGTACAGAAATATGGTAACCAATGAGAACAACGAGAATACATTGACTTAGTCATCCAGTGGAGATT
 TGTGAACAGGGTCCAGAAGCAAATGAATGCCTTCTGGAGGGATTTACAGAACTTCTTCCAATCGACTTG
 ATTAATAATTTTGGATGAAAATGAGCTGGAGTTGCTGATGTGCGGCCTTGGTATGTGCGAGTGAACGACT
 GGAGACAGCACTCTATTTACAAGAACGGCTACTGCCCAACCACCTGTCATCCAGTGGTTCTGGAAGGC
 CGTGCTCCTGATGGATGCTGAGAAGCGCATCCGGTTACTACAGTTTGTACAGGCACCTCCAGAGTACCC
 ATGAATGGATTTGCCGAACCTATGTTTCCAATGGTCTCAGCTGTTTACAATAGAGCAATGGGGCAGTC
 CCGAAAAACTACCCAGAGCTCATACATGCTTTAATCGCCTTGATTTACCTCCATATGAAACCTTTGAAGA
 TTTACGGGAGAACTTCTCATGGCTGTGAAAACGCTCAAGGCTTCGAAGGTGTGGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG225817 representing NM_001114386
 Red=Cloning site Green=Tags(s)

MATGLGEPVYGLSEEEGESRILRVKVVSGIDLAKKIDIFGASDPYVKLSLYVADENRELALVQTKTIKKT
 LNPKWNEEFYFRVNPNSHRLLFEVFDENRLTRDDFLGQVDVPLSHLPTEDPTMERPYTFKDFLLRPRSHKS
 RVKGFRLRLKMAYPKNGGQDEENSEQRDDMEHGWEVVDNSASQHQEELPPPPLPPGWEEKVDNLGRTY
 YVNHNNRSTQWHRPSLMDVSSSESDNNIRQINQEAHRRFRSRRHISEDLEPEASEGGEGPEPWETISEE
 MNMAGDSLALPPPASPVSRTSPQELSEEVSRRQLITPDSNGEQFSSLIQREPSRLRSCSVTDVVAE
 QAHLPPPSTPTRRARSSTVTGGEESTPSVAYVHTTTPGLPSGWEERKDAKGRYYVNHNNRRTTTWTRPIMQ
 LAEDGASGSATNSNNHLVEPQIRRPRLSSPTVTLAPLEGAKDSPIRRAVKDTLSNPQSPQSPYNSPK
 PQHKVTQSFLPPGWEMRIAPNGRPFIDHNTKTTTWEDPRLKFPVHMRSKASLNPNDLGPLPPGWEERIH
 LDGRFTYIDHNSKITQWEDPRLQNPAITGPAVPYSREFKQKYDYFRKCLKKPADIPNRFEMKLHRNNIFE
 ESYRRIMSVKRPDVLKARLWIEFESEKGLDYGGVAREWFFLLSKEMFNYYGLFEYSATDNYTLQINPNS
 GLCNEDHLSYFTFIRVAGLAVFHGKLLDGGFFIRPFYKMLGKQITLNDMESVDSEYYNSLKWILENDPT
 ELDLMFCDIEENFGQTYQVDLKPNGSEIMVTNENKREYIDLVIQWRFVNRVQKQMNAFLEGTELLPIDL
 IKIFDENELLEMLCGLDVDVNDWRQHSIYKNGYCPNHPVIQWFKAVLLMDAEKRIRLLQFVTGTSRVP
 MNGFAELYGSNGPQLFTIEQWGSPEKLPRAHTCFNRLDLPYETFEDLREKLLMAVENAQFEGVD

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



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](#)

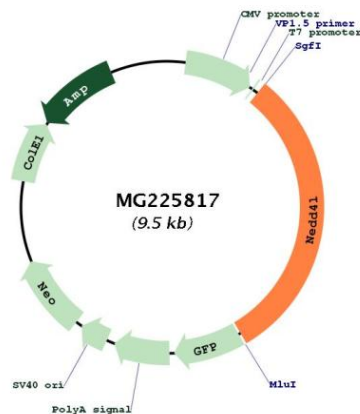
RefSeq Size: 8163 bp

RefSeq ORF: 2931 bp

Locus ID: 83814

Cytogenetics: 18 E1

Product images:



Circular map for MG225817