

Product datasheet for **MR210959**

Nedd4l (NM_031881) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nedd4l (NM_031881) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nedd4l
Synonyms:	1300012C07Rik; Nedd4-2; Nedd4b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR210959 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGAGACCCTATACATTTAAGGATTTTCTCCTGCGACCTAGAAGTCATAAATCTCGAGTCAAGGGT
 TTTTGAGGTTGAAAATGGCCTACATGCCGAAAAACGGAGGTCAGGATGAAGAAAACAGCAGCAGAGGGGA
 TGACATGGAGCATGGATGGGAAGTGTTGACTCCAACGACTCAGCTTCCCAGCACCAGGAGGAGCTCCCC
 CCTCTCCCTGCCGCCAGGATGGGAAGAGAAAGTGGACAATTTAGGCCGAACCTACTATGTCAACCACA
 ACAACAGGAGTACTCAGTGGCACCAGCCAGCTTGATGGATGTGTCTCGGAATCAGACAATAACATCAG
 GCAGATCAACCAGGAGGCTGCACACCGACGCTTCCGCTCTCGGAGGCACATTAGTGAAGATTTGGAGCCT
 GAGGCCTCTGAAGCGGTGGAGAAGGCCCTGAGCCTTGGGAGACCATTTAGAGGAAATGAACATGGCAG
 GAGATTCTCTCAGCCTGGCTCTGCCCCACCGCTGCCTCCCAGTGTCCCGGACCAGCCCCAGGAGCT
 GTCGGAAGAAGTGAAGCGAAGGTTGCAGATCACTCCGACTCCAACGGGGAACAGTTGAGTTCTCTGATT
 CAGAGAGAGCCCTCGTCAAGGCTTCGGTCTGCAGTGTTACCGACACGGTTGCTGAGCAAGCTCACCTTC
 CACCGCCACGACCCCAACTAGGCGAGCCCGTTCTGCAACTGTCACGGGTGGTGAGGAACCCACGCCATC
 AGTGGCCTATGTACATACCACGCCGGCCCTGCCTCAGGCTGGGAAGAAAGAAAGGATGCAAAGGGACGC
 ACATACTATGTCAATCATAACAATCGAACCACAACCTGGACTCGGCAATCATGCAGCTTGACAGAAGACG
 GTGCCTCCGGATCAGCCACAACAGTAACAACCACCTAGTCGAACCCAGATCCGCCGGCCCCGTAGCCT
 CAGCTCGCAACAGTAACCTTTACTGCCCACTGGAGGGTCCAAGGATTCACCCATCCGCCGTGCCGTG
 AAAGATACCCTTTCCAATCCACAGTCCCCTCAGCCATCACCTTACAACCTCCCAACCAACAACAACAAG
 TCACACAGAGCTTCTGCCACCAGGCTGGGAGATGAGGATAGCCCAACGGCCGACCTTCTTTATTGA
 CCATAACACAAGACTACAACCTGGGAAGATCCACGGTTGAAATTTCCAGTACACATGCGGTCAAAGCA
 TCTTTAAACCCCAATGACCTGGGCCCTTCTCCTGCTGGGAAGAGAGGATCCACTTGGATGGCCGCA
 CGTTTTACATTGACCATAATAGTAAAATTACCCAGTGGGAAGATCCAAGACTACAGAACCAGCCATCAC
 TGGTCCGGCTGTTCCGTACTCCAGAGAGTTAAGCAGAAAACGACTACTTTAGGAAGAAATTAAGAAG
 CCTGCTGATATCCAAACAGGTTTGAATGAACTTACAGAAAACAACATATTTGAAGAGTCTATCGGA
 GGATCATGTCTGTAAGAGACCTGACGCTCTAAAGGCTAGGCTGTGGATTGAGTTGAATCAGAGAAAGG
 CCTGGACTATGGGGCGTGGCCAGAGAATGTTTCTTACTGTCCAAAGAGATGTTAAACCCTACTAT
 GGCCTCTTCGAGTACTCTGCCACGGACAACCTACACACTTCAGATCAATCCCAACTCAGGCCTCTGTAATG
 AAGACCATTTGTCTATTTACCTTCATTGGAAGAGTTGCTGGCTAGCGGTGTTTCATGGGAAACTCTT
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 AATGGTAACCAATGAGAACAACGAGAATACATTGACTTAGTCATCCAGTGGAGATTTGTGAACAGGGTC
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 TATTTACAAGAACGGCTACTGCCCAACCACCCTGTCTCCAGTGGTTCTGGAAGGCCGTGCTCCTGATG
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 CCGAACTCTATGTTCCAATGGTCTCAGCTGTTTACAATAGAGCAATGGGGCAGTCCCGAAAAACTACC
 CAGAGCTCATACATGCTTTAATCGCCTTGATTTACCTCCATATGAAACCTTTGAAGATTTACGGGAGAAA
 CTTCTCATGGCTGTGGAAAACGCTCAAGGCTTCGAAGGTGTGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210959 protein sequence
 Red=Cloning site Green=Tags(s)

MERP YTFKDFLLRPRSHKSRVKGFLRLK MAYMPKNGGQDEENSEQRDDMEHGWEVVDSDNSASQHQEELP
 PPPLPPGWEEKVDNLGRTYVYVNHNNRSTQWHRPSLMDVSSDNNIRQINQEAHRRFRSRRHISEDLEP
 EASEGGGEGPEPWETISEEMNMAGDSLALALPPPASPVSRTSPQELSEEVSRRLQITPDSNGEQFSSLI
 QREPSSRLRSCSVTDTVAEQAHLPPPSTPTRRARSSTVTGGEPTPSVAVVHTTTPGLPSGWEERKDAKGR
 TYYVNHNNRSTTTWTRPIMQLAEDGASGSATNSNNHLVEPQIRRRRSLSSPTVTL SAPLEGAKDSPIRRRAV
 KDTLSNPQSPQSPYNSPKPQHKVTVQSFLPPGWEMRIAPNGRPFIDHNTKTTTWEDPRLKFPVHMRSKA
 SLNPNDLGPLPPGWEERIHLDGRTFYIDHNSKITQWEDPRLQNPAITGPAVPYSREFKQKYDYFRKKLKK
 PADIPNRFEMKLRHNNIFEESYRRIMSVKRPDVLKARLWIEFESEKGLDYGGVAREWFFLLSKEMFNYYY
 GLFEYSATDNYTLQINPNSGLCNEDHLSYFTF IGRVAGLAVFHGKLLDGFFIRPFYKMMLGKQITLNDME
 SVDSEYNSLKWILENDPTELDLMF CIDEENFGQTYQVDLKPNGSEIMVTNENKREYIDLVIQWRFVNRV
 QKQMFNAFLGFTPELLPIDLIKIFDENELELLMCGLDVDVNDWRQHSIYKNGYCPNHPVIQWFKAVLLM
 DAEKRIRLLQFVTGTSRVP MNGFAELYSNGPQLFTIEQWGSPEKLPRAHTCFNRLLDLPYETFEDLREK
 LLMAVENAQGFEGVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

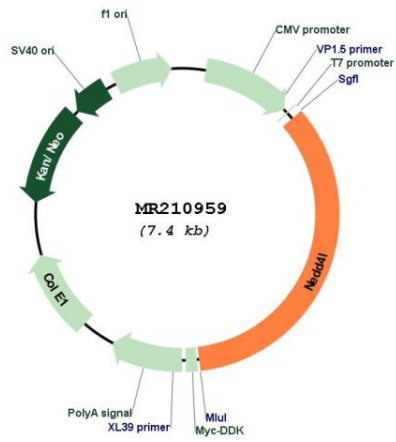
SgfI-MluI

Cloning Scheme:



ACCN:	NM_031881
ORF Size:	2568 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_031881.1 , NM_031881.2 , NP_114087.1
RefSeq Size:	8212 bp
RefSeq ORF:	2568 bp
Locus ID:	83814
Cytogenetics:	18 E1
MW:	98.5 kDa

Product images:



Circular map for MR210959