

Product datasheet for **RN216968**

Nelfcd (NM_001271254) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nelfcd (NM_001271254) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nelfcd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216968 representing NM_001271254
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGTCCAGCGCCGGTACGATTATGGGAGAAGACTACTTCGGGAATGCGTCTGAGTGGGGTGAAG
 AGGCGGACGGCGCCAGCATCAGGAAGAAGATTCTGGAGAAGGAGAGGATGATGCCGAGGTGCAGCAGGA
 ATGTCTGCATAAGTTTTCCACCCGGGACTACATCATGGAGCCCTCCATCTTCAACACTCTGAAGAGGTAT
 TTCCAAGCAGGAGGGTCCCCAGAAAATGTCATCCAGCTTTATCTGAGAACTATACGGCGGTGGCCAGA
 CTGTGAACCTGTGGCTGAGTGGCTCATTAGACAGGTGTTGAGCCAGTGCAGGTACAGGAGACTGTGGA
 AAACCACCTCAAGAGTTTGTGATCAAGCACTTTGACCCTCGAAAGCAGATTCTATCTTCACTGAAGAA
 GGGGAGACCCCGCTTGGCTTGGCAGATGATCGCACACACCACATGGAGAGATCTGTTTATAAGTTGG
 CTGAGGCCATCCTGACTGTTTGTGCTCAACTTCACTGTGAAGCTCATCTCTGATGCAGGCTACCAAGG
 TGAGATCACAGCGTGTCCACGGCTGCCAGCAGCTGGAAGTGTCTCCAGAGTGTGCGGACCTCTCTA
 GCCACAATCTTGGACGGAGGAGAAGAAAACCTGGAGAAAATCTCCCTGAGTTTGCAAAGATGGTGTGCC
 ATGGGGAACACACGTACCTGTTTGCCTAAGCCATGATGTCCTGACTGGCCAGGAGGAACAGGGTGGCTC
 TGCAGTGCAGGGTTCGCTCAAGAAGTCCAGCGCTTCGCCAGGAGAAAGGTGATGATGCCAGCCAGATC
 AACTGGCCTTGGGCACAGCTGCCTCCTACCCCGTGCCTGCCAAGCCCTTGGAGCCATGCTGTCCAGGG
 GAGCCCTGAATCCTGCAGACATCACGGTCTTGTCAAGATGTTCAACCAGCATGGACCCTCCTCCTGTGGA
 GCTCATCCGGGTGCCAGCCTTCTGGACCTGTTTATGCAGTCGCTCTTCAAGCCAGGGGCCAAGATCAAC
 CAGGACCACAAGCACAAGTACATTACATCCTGGCTTACGCTGCTAGTGTGGTTGAGACCTGGAAGAAGA
 ACAAGCGGGTTAGCATTGGCAAAGATGAGCTCAAGTCCAGTCAAAGGCTGTAGAGACCGTCCACAATCT
 GTGCTGCAATGAGAACAAGGGGCTCCGAGCTGGTGGCTGAGCTGAGCACACTTTATCAGTGCATTAGG
 TTTCCAGTGGTAGCAATGGGCGTCTGAAGTGGGTAGATTGGACTGTGTCTGAGCCAAGGTACTTCCAGC
 TACAGACTGACCACACTCCGTTTACCTGGCTTGTGGATGAGATCAGCACCTGCCACCAGCTCCTGCA
 CCCCCAGGTCTGCAGCTGCTCGTCAAGCTTTTCGAGACCGAGCACTCCAGCTAGACGTGATGGAGCAG
 CTCGAGTTAAAAAAGACGCTGCTGGACAGGATGGTGCACCTGCTGAGCCGTGGCTACGTCCTCCCTGTGG
 TCAGCTACATCCGCAAGTGTCTGGAGAAGCTGGACACGGACATCTCACTCATCCGCTACTTTGCTACTGA
 GGTCTGGACGTATCGCCCTCCATACACCTCAGACTTTGTGCAACTTTTCTCCCATCTTGGAAAAC
 GACAGCATTGCAGGCACCATCAAGGCAGAGGGCGAGCATGACCCCGTACGGAGTTCATTGCTCACTGCA
 AGTCTAACTTCATCGTGGTGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271254
- Insert Size:** 1776 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271254.1](#), [NP_001258183.1](#)

RefSeq Size: 2188 bp

RefSeq ORF: 1776 bp

Locus ID: 679203

Cytogenetics: 3q43