

Product datasheet for **RN210092**

Nelfa (NM_001008339) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nelfa (NM_001008339) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nelfa
Synonyms:	Whsc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210092 representing NM_001008339
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCCATGCGGGAGAGCGACACGGGCTGTGGCTGCACAACAACTGGGCGCCACGGACGAGCTGT
 GGGCGCCACCCAGCATCGCGTCCCTGCTCACCGCTGCGGTCATCGATAACATCCGCCTCTGCTTCCACCG
 CCTCTCATCGGCTGTGAAGCTCAAGCTGCTGCTCGGGACGCTGCATCTTCCGCGCCGACCGTGGATGAG
 ATGAAGGGCGCTCTGATGGATATCATCCAGCTGGCCACTCTGGACTCAGATCCCTGGGTCCTCATGGTTG
 CTGACATTCTGAAGTCTTCCCTGACACAGGCTCCTTGAATCTGGACCTTGAGGAACAGAACCCCAATGT
 TCAAGACATCTTAGGAGAACTTAGAGAAAAAGTGAGTGAGTGCAGGCGATCGGCCATGCTACCGTTGGAG
 TGCCAGTACCTGAACAAGAAATGCCCTGACCACCCTTGCTGGTCCCCTCACCCGCCAGTGAACATTTTT
 AGCTGAAGCGGAAACCTAAGAGTGCCACTGCGGGCAGAACTGTACAGAAATCTACCGAGACAGCCCA
 GCAGCTGAAGAGGAGTGTGGGGTCCCATTCCACGCCAAGGGCCGGGGGCTGCTCCGAAAGATGGACT
 ACAACCCCTCTCAAAGGCATCCCGAAGCAAGCCCCCTTCAGAAGTCCCACCACACCCAGTGTCTTACGCC
 TTCTGGGAACCGCACTCCAATACCACCTTCAAGGACGCCACTGCAGAAAAGAAAGGGGTGTGAAGCTGCT
 GGATATTTCTGAGCTGAATACAGTTGGTGTGGCCGAGAGGCAAAGAGGAGGAGGAAGACTTTAGACACA
 GAAGTGGTAGAAAAGCCCAAGGAAGAGACGGTTGTTGAAAATGCCACCCCTGACTATGCTGTGGCC
 TGGTGTCCACACAGAACTTGGGTCTCTGAACAGTGAGCCAACACTGCCCTCCACAAGTTACCTGCCCTC
 TACACCCAGTGTGGTACCTGCCTCATCTACATCCCCAGCTCTGAGACTCCCCAGCTCCACCCTCCCGG
 GAAGCCAGCCGGCCACCTGAGGAACCCAGCGCCCAAGTCCCACACTGCCAACACAGTTTAAACAAAGGG
 CACCTATGTATAACAGTGGCCTGAGTCCAGCGACCCCAACACTGCAGCACCTGCCTCACCTCTGACACC
 TACTGCTCCCCCAGCTGTCACTCCCACTGCTCAGACACCCCAAGTGGCCATGGTGGCCCCACAGACCCAG
 GCCCGGCCCTGTTCAGCAGCAACCTAAGAAGAACTGTCCCTCACGAGAGAACAGATGTTTGGTGGCC
 AGGAGATGTTCAAGACAGCAAAACAGGTCACTCGGCCAGAGAAGGCCCTCATCTGGGCTTCATGGCTGG
 CTCTCGAGAAAACCCATGCCCGGAGCAAGGGGATGTGATCCAGATCAAGCTCAGCGAGCACACAGAGGAC
 CTGCCAAGGCAGACGGCCAGGGCAGTACCACCATGCTAGTGGACACGGTGTTCGAGATGAACTATGCCA
 CAGGCCAGTGGACGCGCTTCAAGAAGTACAAGCCTATGACCAATGTGTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001008339

Insert Size: 1593 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:

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_001008339.1](#), [NP_001008340.1](#)

RefSeq Size: 2215 bp

RefSeq ORF: 1593 bp

Locus ID: 305455

Cytogenetics: 14q21