

Product datasheet for **MC203225**

Nelfa (NM_011914) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nelfa (NM_011914) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nelfa
Synonyms:	Whsc2; Whsc2h
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC038003
 CCACGCGTCCGCCACGCGTCCGGATGGCTTCCATGAGGGAGAGTGACACCGGCCTGTGGCTGCACAACA
 AGCTGGGCGCCACGGACGAGCTGTGGGCGCCACCCAGCATCGCGTCCCTGCTCACCGCCGCGTCAATCGA
 TAACATCCGCCTCTGCTTCCACCGCCTCTCTCGGCCGTGAAGCTCAAGCTACTGCTCGGGACGCTGCAT
 CTCCCGCGCCGACCGGTGGACGAGATGAAGGCGGCTCTGATGGATATCATCCAGCTGGCCACGCTGGACT
 CAGACCCTGGGTCTCATGGTTGCTGACATTCTGAAGTCCTTCCCTGACACGGGCTCTTGAATCTGGA
 CCTTGAGGAACAGAACCCTAATGTTCAAGACATCTTAGGAGAAGTTAGAGAAAAAGTGAGTGCGGAG
 GCATCTGCCATGCTACCACTGGAGTGCCAGTACCTGAACAAGAATGCCCTGACCACCTTGTGGGCCCC
 TACCCCCACAGTCAAGCATTTTTCAGCTAAAGCGGAAACCTAAGAGTGCCACGCTGCGGGCAGAAGTGT
 GCAGAAATCTACCGAGACAGCCAGCAGCTGAAGAGAAGTGTGGGGTCCCATTCCACGCTAAGGGCCGG
 GGGCTGCTTCGAAAGATGGACACTACAACCCTCTCAAAGGCATTCCGAAGCAAGCCCCCTTCCGAAGTC
 CCACCACACCCAGCGTCTTCACTCCTTCTGGGAACCGACTCCAATACCACCTTCGAGGACGCCACTGCA
 GAAAGAAAGGGGTGTGAAGCTGTGGATATTTCTGAGCTGAATACAGTTGGTGTGGACGAGAGGCAAG
 AGGAGGAGGAAGACTTTAGACACAGAAGTGGTAGAAAAGCCACCAAGGAAGAGACGGTTGTTGAAAACG
 CTACCCCTGACTATGCTGCTGGCCTGGTATCCACACAGAACTTGGGTCTCTGAACAGTGAGCCAACT
 GCCTCCACAAGTTACCTGCCCTTACACCCAGTGTGGTACCTGCCTCATCTTACATCCCAGCTCTGAG
 ACTCCCCCAGCTCCACCTCTCGGGAAGCCAGCCGCCACCTGAGGAACCCAGCGCTCCAAGTCCCACAC
 TGCCAACACAGTTTAAACAAAGGGCACCTATGTATAACAGTGGCCTGAGCCAGCTACACCAGCACCTGC
 AGCACCTACCTCACCTCTGACACCTACTACTCCCCAGCTGTCACTCCTACTGCTCAGACACCTCCAGTG
 GCCATGGTGGCCCTCAGACCCAGGCTCCAGCCCTGTTCAAGACGGCAAACAAGTCACTCGGCCGGAAGGC
 CCTCATCTGGGCTTTCATGGCTGGCTCTCGAGAGAACCATGCCCGGAGCAGGGGATGTGATCCAGATC
 AAGCTCAGTGAACACACAGAGGATCTGCCAAGGCAGACGGCCAGGGCAGTACCACCATGCTAGTGAGCA
 CAGTGTTCGAGATGAACTACGCCACAGGCCAGTGGACACGCTTCAAGAAGTACAAGCCTATGACCAATGT
 GTCCTAAGTGCCATCTCTGCTGCTGACCCTCATCAGACCAGAGGACAAGTTTGTGGTTGTGCTGAGTG
 ACCTGAGCAGATACCGAAGGATGTGCTCCACCCAGCACCTGTGATCCACAGGCTCCTGGGCCAGCCATT
 TCTCTGGAGAGTTTAGGCTTATTTTTTATATTCTAATGAGTTAGTTTTCTGTGTGATTAAGATACTTTTT
 TTTATTCAATATTATGTTTTGAATGCAAACCAAAAGTTACTTCAAATTTTAGTGCCTGTTGACTTTTTA
 CCTTTTTTATTTCTTTAAAAAAGTACTGGCTGAGAGGGCTTTCTTTCTCTCCTTGT
 GCATGCCCTCCCTCATGAGGTTGAGGGACCAAGGTGACAGCTGAAAAGTCTAGGGTGTGAGGGGGCT
 ATGACCAGCCTTGATGCCACTATTTACCAGGGATTTGTATGTCTTTTGTACAGTTGTAACATTTCAAAC
 CTGTGCTGGGTTCTATTTTTCATTGTAATAATGACCTGAGTATTAAGTTTAGTTTTCTAAAAA AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_011914

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: [BC038003](#), [AAH38003](#)

RefSeq Size: 2178 bp

RefSeq ORF: 1593 bp

Locus ID: 24116

UniProt ID: [Q8BG30](#)

Cytogenetics: 5 B2

Gene Summary: Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II (By similarity). The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex (By similarity).[UniProtKB/Swiss-Prot Function]