

Product datasheet for **MC205703**

Nelfcd (NM_020580) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nelfcd (NM_020580) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nelfcd
Synonyms:	2410003I03Rik; C77797; Th1; Th1l
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC006959
CACGCGCAGTGAGGAGACGCGGCAGATATGGCGGGTCCGGCGCCGGGTACAATTATGGGAGAAGACTACT
TCGGGAATGCCTCAGAGTGGGGCGAAGAGGCAGACGGCGCCAGCATCAGGAAGATGATTCGGGAGAAGT
AGAGGACGATGCTGAGGTGCAGCAGGAATGCCTGCATAAGTTTTCCACCCGGGACTACATCATGGAGCCC
TCCATCTTCAACACTCTGAAGAGGTATTTCCAGGCAGGAGGGTCTCCAGAAAACGTATCCAGCTTTAT
CTGAGAACTACACGGCAGTGGCCAGACAGTGAACCTGCTGGCTGAGTGGCTCATTGAGACAGGCGTTGA
GCCTGTGCAGGTGCAGGAGACTGTGAAAACCACTTGAAGAGTTTGTGATCAAGCACTTCGACCCCTCGG
AAAGCAGATTCTATTTTCACTGAAGAAGGAGAGACCCAGCTTGGCTTGAGCAGATGATCGCACACACAA
CATGGAGAGATCTGTTTTATAAGTTGGCGAGGCCATCCTGACTGTTTGTGCTCAACTTCACTGTGAA
GCTCATTCTGATGCGGGGTACCAAGGGGAGATCACCAGCGTGTCCACAGCCTGCCAGCAGTTGGAAGTG
TTCTCCAGAGTGTTCGGACCTCTAGCCACGATCTTGGATGGGGGAGAAGAAAACCTTGAGAAAAATC
TCCCTGAGTTTGC AAAGATGGTATGCCATGGCGAGCACACGTACCTGTTTGCACAGGCCATGATGTCGT
GCTGGCACAGGAGGAACAGGGTGGTTCTGCAGTGCAGGGTGCCTCAGGAAGTCCAGCGCTTCGCCAG
GAGAAGGGCCATGATGCCAGTCAATCAGCTGGCCTTGGGCACAGCTGCCTCCTACCCCGAGCCTGCC
AAGCGCTTGGCGCCATGCTGTCCAGAGGAGCCCTGAATCTGCAGACATCACGGTCTTGTCAAGATGTT
CACCAGCATGGACCTCCTCCCGTGAACCTCATCCGGGTGCCGGCTTCTCGACCTGTTATGCAGTCG
CTTTCAAGCCAGGGCCAAGATCAACCAGGACCACAAAACAAGTACATCCACATCCTGGCTTACGCTG
CCAGTGTGGTTGAGACCTGGAAGAAGAACAAGCGGGTCAAGTGGCAAAGACGAGCTCAAGTCCACGTC
AAAGGCTATCGAGACTGTCCACAACCTGTGCTGCAACGAGAACAAGGGGCTCTGAGCTGGTGGCTGAG
CTGAGCACACTTATCAGTGCATTTCGGTTCCAGTGGTGGCGATGGGCGTGTCAAGTGGGTAGATTGGA
CCGTATCGGAGCCAAGGTAATCCAGCTGCAGACTGATCACACTCCAGTTCACCTGGCCTTGTGGATGA
GATCAGCACCTGCCACCAGCTCCTGCACCCCAAGTTGAAAGAGCCCTGCTGGACAGGATGGTGCACCTGC
CACTCCCAGCTAGACGTGATGGAGCAGCTCGAGTTGAAAAGACCCCTGCTGGACAGGATGGTGCACCTGC
TGAGCCGCGGCTACGTCCCTGCCGGTGGTCAAGTTATATCCGAAAATGTCTGGAGAAGCTGGACACGGACAT
CTCCCTCATCCGCTACTTTGTCAGTGGTTCGGATGTCATCGCCCTCCGTACACCTCAGACTTTGTG
CAGTTTTCTCCCATCTTGGAAAATGACAGCATCGCGGGCACCATCAAGGCAGAGGGCGAGCATGACC
CCGTGACGGAGTTTATTGCTCACTGCAAGTCAACTTTCATCGTGGTGAAGTGGCGCATCTGTAAGTAA
GCCGAACTTCCATGCCAGCCTGGGGTGGGGGACAGAGGACTCGTTGAGAAAGCTGCTGTGAAAGAG
GCTCAACCAGCCTCCTGGAAGCAGGGTCTGCTGGGAAGAAGCAGGCAACTCTTCAAAGGTAGCTTCTG
TGGCAGACAGCCCCCTGTGTCGAGTGGCTCTGTGCTACATGCACATCCAGCGGTGTGCCACCTC
TGAACAGGGACCCAGTGGCCTCTGGGTAGTGGGAATCTAGCAGCTGGGACACTTATGAAGGGTTATG
TAAGTTTCTTCTATGACCCAGATGGTCAAGTACTTTAAGTTTCCAAGGTAATGTTGAGTTGTATGTG
TGTGTGTGGGAGTGTGCGT
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_020580

Insert Size: 1749 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: [BC006959](#), [AAH06959](#)

RefSeq Size: 2265 bp

RefSeq ORF: 1749 bp

Locus ID: 57314

UniProt ID: [Q922L6](#)

Cytogenetics: 2 H4

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]