

Product datasheet for **MC205584**

Ncf2 (NM_010877) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ncf2 (NM_010877) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ncf2
Synonyms: Ncf-2; NOXA2; p67phox
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003730
GGCTGGGACCTTGAAGCCTGGAGCGCCTACCCGGCAGCTCTGAGAGAGACACCTTGAACCTACCATCCTGC
CTTCTGGTAAGCACCTAACCATGTCCCTGGCTGAGGCCATCAGACTCTGGAATGAAGGGGTGCTCGCAGC
CGACAAGAAGGACTGGAAGGGGGCCCTGGAGGCCCTTCAGCGAGGTGCAGGACCCCACTCGAGGATTTGC
TTCAACATAGGCTGCGTGAACACCATCCTGAAAACTTGAGGCAGCCGAGCAGGCTTACCAAAAAGCA
TCAACAGAGACAAGCACTCTGCAGTGGCCTACTCCAGAGAGGAATGCTCTACTACAGAATGGAGAAGTA
CGACCTTGCTATCAAAGACCTTAAAGAGGCCTTGACGCAGCTTCGTGGGAACCAGCTGATAGACTACAAG
ATCCTGGGGCTGCAGTTCAAGCTGTTTGCCTGTGAGGTATTGTACAATATTGCTCTCATGCATGCCAAGA
AAGAGGAATGGAAGAAAGCAGAAGAGCAGTTGGCATTGGCAACCAACATGAAGTCCGAGCCCAGGCATTC
CAAGATCGACAAGGCCATGGAGAGCATCTGGAAGCAGAAGCTGTTGAGCCCGTGGTGATCCTGTGGGT
CGGCTGTTCCGTCCAAATGAGAGGCAGGTGGCTCAGCTGGCCAAAAGGACTATCTGGGCAAGGCTACGG
TTGTAGCATCTGTGGTTCACCAAGACAACCTTTCTGGCTTCGCCCTCTGCAGCCGAGTCAGCAGAGCC
TCTCCCAGACCCAAAACCCAGAAATCTCAGGGCTCTGGAAGGTGAGGCACACCGCTATTGTTTGGC
TTTGTGCCGAGACGCCAGAAGACTACAGGTCATGCCTGGGAACATCGTCTTTGTCTTGAAGAAGGGCA
GTGATAACTGGGCCACAGTCATGTTCAATGGACAGAAGGGGCTTGTCCCTGCAACTACCTGGAGCCAGT
TGAGCTTCGGATTCACCTCAGTCGCAGCCCCAGGAAGATACCTCTCCAGAATCTGATATCCACCACCT
CCTAATTCTAGTCCCCAGGAAGACTCCAGTTGTACCAGGTCACAAGCAAAAAGAGCCCAAGGAAGTGA
AGCTCAGCGTGCCTATGCCTTACATGCTCAAGGTGCATTACAAAACACAGTGGTCATGGAGACGCGGCT
TGGCCTCCCCTACAGCCAGCTTCGGAACATGGTGTCTAAGAAGCTGGCGCTCTCGCCAGAACACACTAAA
CTGAGCTACCGGCTCGGGACAGCCACGAGCTTCTGCTCCTGTCCGAAGAAAGCATGAAGGATGCCTGGG
GCCAAGTGAAAACTACTGCCTGACTCTGTGGTGTGAGCATAACGGTGGGTGACCAAGTCTTATTGATGA
ACCCATACAAAGGGAAAACCTCAGACGCCAGTAAGCAGACTACGGAGCCTCAGCCTAAGGAGGGGACCCAG
GTGGTAGCAATCTTCAGTTATGAGGCTGCCAGCCAGAAGACCTGGAATTTGTGGAAGGAGATGTAATCC
TGGTACTGTCACATGTGAATGAAGAATGGCTGGAAGGGGAGTGTAAAGGGAAAGTTGGCATTTCCTCCGAA
GGCTTTTGTGGAAGGATGTGCAGCCAAGAATTTGGAAGGCATTCCAGAGAAGTCTAGGATCTACAAAGC
TGAAGCAAAGGGTTGTTTTTCCCTTGAAGACTTACCCATCTCTGCTGTGCGCTATACAGACACACCAG
TTTGAAATGTGGCCTAACTTACCATTTCCCTATTAATAATGAACCTGTACACAGCAAAAAAAAAAAAAA AAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_010877
Insert Size:	1578 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:	<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.
RefSeq:	BC003730 , AAH03730
RefSeq Size:	1834 bp
RefSeq ORF:	1578 bp
Locus ID:	17970
UniProt ID:	O70145
Cytogenetics:	1 65.05 cM
Gene Summary:	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).[UniProtKB/Swiss-Prot Function]