

Product datasheet for **RR212626**

Ncf2 (NM_001100984) Rat Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Ncf2 (NM_001100984) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Ncf2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>RR212626 representing NM_001100984
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTAGCTGAGCCATCAGGCTCTGGAATGAGGGGTGCAGGCAGCCGACAAGAAGGACTGGAAGG
 GTGCCTTGAGAGCCTTCAGCGAGGTGCAGGACCCCACTCGAGGATTTGCTTCAACATAGGCTGCATGTA
 CACCATCTGGACAACCTGCAGGAGGCTGAGCAGGCTTACCAAAGCATCAACAGAGACAAGCACTTG
 GCAGTGGCTTACTCCAGCGAGGAATGCTCTACTACAGCATGGAGAAGTACCGTCCAGCTTCTGTGGGTA
 GGAAGGCTGCCTTGTCTTTCTGGGCAGTTATAACTTAGTAGCTAGAATAATTGTTGGTTATCCCCTCAG
 TCCTGGGAAAGTGTGTATAACATCGCTCTCATGCATGCCAAGAAAGAGGAATGGAAAAAGCAGAAGAG
 CAGTTAGCATTGGCAACAAACATGAAGTCTGAGCCAGGCATTCCAAGATTGACAAGGCCATGGAAAGCA
 TCTGGAAGAGGTGCTACCTCCATCTCCCTCTGGATCTCCACAAGTACAATGGCTCTGTGGTTTGA
 GGAAGGAGGAGTGGGCAACGGAGCGTTGTAGCCTCTGTGGTTCACCAAGACAATTTTTCTGGCTTCGCC
 CCTCTGCAGCCACAGTCAGCAGAGCCTCCGCCAGACCCAAAACCCAGAGATCTTCAGGGCTCTGGAAG
 GCGAGGCACATCGTGTGTGTTGGCTTTGTGCCGGAGACGCCGGAAGAACTACAGGTATGCCCCGGAA
 CATCGTCTTTGTCTTGAAGAAGGGCAGTGATAACTGGGCCACCGTCATGTTCAACGGACAGAAGGGGCTT
 GTCCCTTGCAACTACCTGGAGCCGTTGAGCTTCAAGTACCCTCAGTCGCAGCCTCAGGAAGATACCT
 CCCTGGAATCCGATATCCACCACCTCCTAACTTAGTCCCCAGAAAGACTCCAGTTGTACCAGGATG
 GTGCCAACAGCTCGGCCACTAAGGTGCTCCTCCCTTCTCCTCCACCAGGAAGTGAAGCGCAGCGTGCC
 ATGCCTTACATGCTCAAGGTGCATTACAATAACACAGTGGTTCATGGAGACTCAGCTTGGCCTCCCCTACA
 GCCAGCTTCGGAACATGGTGTCTAAGAAGCTGGAGCTTTGCCAGAACACACTAAACTGAGCTACCAGCG
 TCGGGACAGCCCGGAGCTGCTGCTCCTGTGAGAAGAAAGCATGAAGGATGCCTGGGCCCAAGTAAAAAC
 TACTGCCTGACCTCTGTGTGAGCACACAGTGGGTGATCAAGGTTTTGTAGATGAACCCAGGAAAAGG
 AAAACTCTGATGCCGATAACCGGACAACAGAGCCTCAGCCTAAGGAAGGGACCCAGGTGGTAGCGATCTT
 CAGTTATGATGCTACCCAGCCAGAAGACCTGGAGTTTGTGGAAGGAGATGTGATCTTGGTGTATCACAT
 GTGAATGAAGAATGGCTGGAAGGGGAGTGAAGGGAAAATTGGCATTTCCTAAAGCTTTTGTGGAAG
 GATGTGCAGCCAAGAATTTGGAAGGCACTCCAGAGAAGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR212626 representing NM_001100984
 Red=Cloning site Green=Tags(s)

MSLAEAIRLWNEGVQAADKKDWKGALEAFSEVQDPHSRIFNIGCMYTI LDNLQEA EQAF TKSINRDKHL
 AVAYFQRGMLYYSMEKYRPASVGRKAALLFLGSYNLVARII VGYPLSPGKVLNYIALMHAKKEEWKKAEE
 QLALATNMKSEPRHSKIDKAMESIWKRCPTSHLPLDPPQVTMALWFE EGGVGRSVVASVVHQDNFSGFA
 PLQPQSAEPPRPKTPEIFRALEGEAHRVLF GVPETPEELQVMPGNIVFVLKKGSDN WATVMFNGQKGL
 VPCNYLEPVELRIHPQSQPQEDTSLES DIPPPNSPPERLQLSPGWCQQLGPLRCPFFLLHQEVKRSVP
 MPYMLKVHYKYTVVME TQLGLPYSQLRNMVSKLELLPEHTKLSYQRRDSP ELLLLSEESMKDAWAQVKN
 YCLTLWCEHTVGDQGFVDEPKEKENSADNR TTEPQPKEGTQVVAIFSYDATQPEDLEFVEGDVILVLSH
 VNEEWLEGECKGKIGIFPKAFVEGCAAKNLEGTPREV

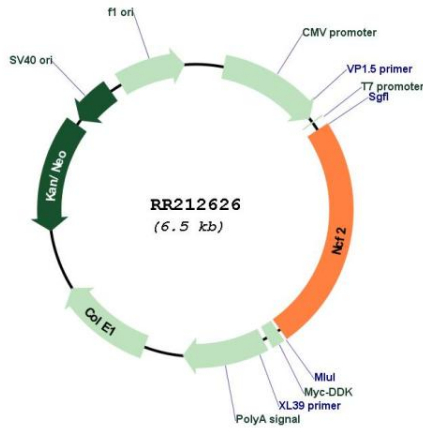
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cytogenetics: 13q21
 MW: 59.6 kDa
 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]

Product images:



Circular map for RR212626