

Product datasheet for RN214240

Ncf1 (NM_053734) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncf1 (NM_053734) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ncf1
Synonyms:	Ncf-1; p47phox
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214240 representing NM_053734 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGACACCTTCATTCGCCACATCGCCCTCCTGGGCTTCGAGAAACGCTTCGTCCCCAGCCAACACT
ATGTGTACATGTTCTGGTTAAGTGGCAGGACCTGTCGGAGAAGGTGGTCTACAGAAAATTCACCGAGAT
CTACGAGTTCCATAAAAATGTTAAAGGAGATGTTCCCATTTAGGGCCGGTGGATCCACACAGAAAACAGA
GTCATCCCTCACCTCCAGCTCCAGGTGGTATGATGGGCAGCGTGCAGCGGAGAGCCCGCAGGGAACGC
TCACCGAGTACTCAACAGCCTCATGGGACTGCCCGTGAAGATCTCCCGTGCCACACCTTTGAACTT
CTTCAAAGTGCAGCCCGATGACCTGAAGCTGCCAATGACAGCCAGGTGAAGAAGCCAGAGACATACCTG
ACGGCCAAAGATGGCAAGAATAATGTAGCTGACATCACGGTCCCATCATCTTCAGACCTATCGGGCCA
TCGCTGACTACGAGAAGGGTTCCAAAACAGAGATGACCGTGGCGACGGGAGATGTGGTGGATGTCGTAGA
GAAAAGCGAGAGTGGCTGGTGGTTTTGCCAGATGAAGACAAAACGAGGTTGGGTCCCTGCATCCTATTTG
GAGCCCTTGACAGCCCTGATGAGGCAGAGGACCCGATCCCAACTACGCAGGTGAACCGTATGTAACCA
TCAAAGCGTACGCTGCTGTTGAAGAGGATGAGGTGTCCCTGTCTGAGGGTGAAGCCATCGAGGTCAATCA
TAAGCTCCTAGATGGCTGGTGGTGGTGCAGGAAAGGGGACATCACCGGCTACTTCCCATCCATGTATCTG
CAGAAGGCTGGGAGGAGATAACCCAGGCCAGCGACAGATTAGAAGCCGGGGGACACCTCGCAGGT
CGACCATCCGCAATGCACAGAGCATCCACCAGCGTTCTCGGAAGCGCCTCAGCCAGGACACCTATCGCCG
CAACAGCGTCCGATTCTGCAGCAGCGCAGACGCCCGCGCACCTGGGCCGAGAGCCCTGACTCAAAG
GACAATCCATCGACTCCGCGCGCCAAACCACAGCCTGCGGTGCCTCCGAGACCCAGCTCGGACCTCATCC
TGCACCGTGCACAGAGAGCACCAAGAGGAAACTGACGTCCGCCGTGA

ACCGGTACGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1678_b01.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053734
Insert Size:	1170 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:	NM_053734.2 , NP_446186.2
RefSeq Size:	2800 bp
RefSeq ORF:	1170 bp
Locus ID:	114553
Cytogenetics:	12q12
Gene Summary:	involved in the regulation of arthritis severity in rats [RGD, Feb 2006]