

Product datasheet for **RR206580**

Net1 (NM_001039023) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Net1 (NM_001039023) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Net1
Synonyms:	MGC114559
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR206580 representing NM_001039023
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGCGCATGATGAGATCGGAGTCTCTGCCATTAAAAGGACGATCCGGTCTTAGATGTTAATA
 ACCAGCCCTTCAGGGAGCAGGAGGACCAAGCAATAAAAGAGTTCGGCCCTAGGTCGGGTCACATCCTT
 GGCAAACCTAATCTCTCCGTAAGAAATGGAGCAGTCAGGCGCTTTGGTCAGACCATACAGTCCTTTACC
 CTTCTGGTGACCACAGATCTCCAGCCTTACCCAGAAGTCATTAGCAGGGCCACAGTCCCTACACCCA
 CCAAGAGAAGAAGCAGTGCATATGGTCGGAGATGCTAGACATCAGTATGAAGGAGTCTTGACCACTCG
 AGAGATCAAACGACAGGAGGCAATATGAATTGTCGGAGGAGAACAGGACTTAATCGAGGATCTCAAG
 CTCGCTAGAAAGGCTACCATGACCCATGTTAAAGCTGTCCATCATGTCAGAAGAGGAGCTCACACATA
 TATTTGGAGACCTGGATGCTTACATCCCTTACACGAAGATCTGTTAGCAAGAATAGGAGAAGCAACCAA
 GCCTGACGGGACCGTGGAAACAGATCGGTACATCTCTGTAATTGTTACCAGGCTGAACGCTACAGA
 GGCTACTGTAGCAACAGCTGGCGGCCAAGGCTCTTCTGGATCAGAAGAAACAGGACCCACGAGTCCAAG
 ACTTCTCCAGCGCTGTCTGGAGTCTCCCTTTCAGTCGAAAGCTAGATCTTTGGAGTTTCTAGATATTCC
 TCGAAGTCGCCTCGTCAAGTACCCCTTGTCTGTTAAAAGAAATCCTTAGACATACGCCAAAGACCCTC
 GATGTTACAGTCTTGAGAAAGCAATTTAATAATACAAGAAGTCTTTCTGATATCAACTTGAAGAAA
 GCGAATCCGAGTGTGATACATCGACAACTGGAGTACCTGGATGAGAAGCAGAAGGACCCAGGAT
 CGAGGCGAGCAAGGTGCTGCTGTGTCATGGGGAGCTGAAGAATAAAAGTGGCCATAAACTGTACATTTTC
 TATTTCAAGACATCTTGGTTTTGACTCGGCTGTCAACCGAAATGAGCGCCACTCTACCAGGTTTACC
 GCCAGCCATCCAGTGCAGGAGCTGGTCTGGAAGACCTGCAGGACGGGGATGTGCGCATGGGGCTC
 CTTCGAGGGGCTTTGGCAACTCAGACAAAGCTAAAAATATCTTTAGAGTGCCTTCCAGGACCTTCT
 CCAGGCCAGTCCACACACTGCAAGCAACGATGTGTTCCACAAGCAGCAGTGGTTCAACTGCATTGCT
 CGGCCATCGCCCTTTCCAGCGGCCCGCCAGCCCTCGAGCTGCAGGGCTTCCAGACCTGCACGAAGA
 GTGTGAGGAGAACAACCTTCTGCTGGGAATCTCAGAGCCAGCGACGGTGTGCTGCTTCTGGTGT
 ATGCAGGTAGACCATGAAAGTGTGCTGGAGTGTGGCTCGAGTGTACAGACCTCGGAGGACACCAGGAACG
 CAAAGGCACATCGGCTCAGCATGGCTGCGAAGAGCAAGGGACAAGGCGCAGTTGGGTGGCAAAAAGAA
 AGAGACTTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206580 representing NM_001039023
 Red=Cloning site Green=Tags(s)

MVAHDEIGLLPIKRTIRVLDVNNQPFREQEEPSNKRVRPLGRVTSANLISPVRNGAVRRFGQTIQSFT
 LRGDHRSPASTQKFSRATVPTPKRRSSALWSEMLDISMKESLTTREIKRQEAIYELSRGEQDLIEDLK
 LARKAYHDPMLKLSIMSEELTHIFGDLDAYIPLHEDLLARIGEATKPDGTVEQIGHILVNWLPGLNAYR
 GYCSNQLAAKALLDQKKQDPRVQDFLQRCLESPFSRKLDSLWFLDIPRSRLVKYPLLLKEILRHPTKDH
 DVQLLEKAILIIQEVLSINLKKGESECCYYIDKLEYLDEKQKDPRIEASKVLLCHGELKNKSGHLYIF
 LFQDILVLRPVRNERHSYQVYRQPIPVQELVLEDLQDGDVMMGGFRGAFGNSDKAKNIFRVRFQDPS
 PGQSHTLQANDVFHKQQWFNCIRSAIAPFQRAASPLELQGLPDLHEECEENNPAGNLRAQRRCVLPV
 MQVDHESVLECGSSVQTSQEDTRNAKARHPQHGLRRARDKAQLGGKKKETLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001039023

ORF Size: 1623 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001039023.1](#), [NP_001034112.1](#)

RefSeq Size: 3221 bp

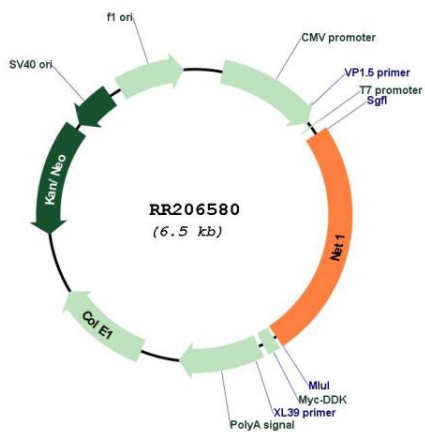
RefSeq ORF: 1626 bp

Locus ID: 307098

Cytogenetics: 17q12.2

MW: 61.8 kDa

Product images:



Circular map for RR206580