

## Product datasheet for **RN204230**

### Neu4 (NM\_001108234) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Neu4 (NM_001108234) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Neu4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204230 representing NM\_001108234  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCCCGCGCATGTTCCAAGAGAACCGTGTCTTCCAGCGGAAAGGACTGGTCTGACCTACCGGG  
 TGCTTGCCTGCTCTGCGTGCCTCCAGGCCTACCCTGCTGGCCTTCGCAGAACAGCGACTTAGCCCTGA  
 TGACTCCCATGCCACCGCCTGGTGTACGGAGGGGCACGCTGACCAGGGGCTCAGTGGCGTGGGGCGTT  
 CTGAGTGTACTGGAACTGCAGTACTGGAGGAGCACAGGTCTATGAATCCTTGCCCGTGTGGATGAGC  
 ACTCGGTACCATCTTCTTCTTTCATTGCTGTGCGGGGTACACACCGGAGGCCGTGCAAATCGCCAC  
 TGGCAAGAACGCTGCTCGCCTGCTGTGTGACCAGCTGTGACGCTGGCCTTACCTGGGGCAGCGTGGCG  
 GATCTCACTGAGGAAGCCATTGGTGTGCATTGCAGGACTGGCCACCTTGGCGTGGTCCAGGCCATG  
 GAGTCCAGCTGCGCTCGGTGCGCTGCTTGTTCCTGCTTACACCTATCATGTGGACCGTCCGGAGTGT  
 TGGCAGGATCTGTGGACCAGTCCCACTCCTTGGCTTTCTACAGTGATGACCATGGGATCTCCTGGCAT  
 TGGCGAGGCCCTTGTGCCAACCTACGCTCTGGAGAGTGCCAACCTGGCTGGGTGGATGGAGACTTCTCT  
 ACTGTAATGCCCGAGCCCTCTGGGTAACCGTGTGCAGGCACTGAGTGTGATGAAGGCACTTCTTCTCT  
 ACCAGGGGAGCTGGTGCCTACGTTGGCTGAGACTGCTCGCGGTGCCAGGGTAGCATTGTGGGCTTCCCG  
 GCTCCACCTTCCATCGGTCTCAGGATGACCGTGGTTAGCGAGTCTGGAAACACCCACATCCCCAT  
 GCTTCGATCTCAGAGTACGGGAGTCTTTGGCGGAAGGTGCTAGAGGTTTTGTTGAAGGTTGGCGCTAG  
 GTTGTCTCTGCTACCCACAGTCCCGGGGCCAGAGAATCATGGCCTAGAGCCTGGGCCAGATGGAGAA  
 AAAACATCCTGGAGCCCGAACTCCCTATGTCCTCTGCTCCGTGCGTCAGAGCTCCACATGGTTGCTAT  
 ATTCCCACCCAGCAGGGCGTAGAGCTCGGCTCCATATGGGAATCTACCTGAGCCGATCCCCCTTGGACCC  
 TCACAGCTGGACAGGCCCTGGATAATCTATGAAGGCCCCAGTGGCTACTCTGACCTTGCCTTCTTGGG  
 CCTGTGCCTGGGCATCCCTGGCTTTTGCCTGCCTGTTTGGAGAGCGGGACCAGGGCTTCTATGAAGACA  
 TTTCTTTTGTGTTTCTCACTGGCTGATGTCTGGAGAATGTACCCACTGGCTTAGAGATATCCAGTCT  
 CAGGAATAAGCCTCAGGGCATTGCTGGCCCTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108234

**Insert Size:** 1437 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: [NM\\_001108234.1](#), [NP\\_001101704.1](#)  
RefSeq Size: 2545 bp  
RefSeq ORF: 1437 bp  
Locus ID: 316642  
Cytogenetics: 9q36