

## Product datasheet for RN204262

### Neu3 (NM\_054010) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Neu3 (NM\_054010) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Neu3  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN204262 representing NM\_054010  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAAGAAGTTTCATCCTGCTCCCTCCGAGCACTCTGTTCCAGCAGGAAGAACAAGCAGGATTACCT  
 ACCGGATCCCAGCACTGTACATTCTCCACCCACACCTTCTGGCCTTCGAGAGATGCGTACCTC  
 AAGCAGAGATGAGGATGCTGTCTACCTGGTGTTCAGACGAGGGGTGATGAAGGGGTCTCTGTTGAGTGG  
 GGCCCCAACAGCCACTGATGGAGGCCACATTACCTGGGCATCGACCATGAGCCCTGCCCTGTGTGGG  
 AGAAGAATACTGGCCGTGTATACCTGTTTTTCATCTGCGTGCAGGGCCATGTTAGTGAGCGCTGGCAGCT  
 TCTGTGGGGCAGGAATGCTGCCGTCTCTGCTTCTTTACAGTGAGGACTCTGGGTGCTCGTGGGGTGA  
 GTGAAAGATTTGACTGAGGAAGTCGTTGGCTCAGAGATGAAGCACTGGGCCACGTTTGCTGTGGGCCAG  
 GTCATGGCATCCAGCTGCAGTCGGGGAGGCTGCTCATTCCCGCCTATGCCTACTTGATATCATGCTGTT  
 TCTCTGCTTTCCATGTTCAAGCCCCATTCCCTAATGTTCTACAGTGATGACTTAGGAGTCACATGG  
 CACTGTGGCAAGTTCATTAAGCCCCAGGTGACAGGGGAGTGCCAAGTGGCAGAAGTGCCTGGGAAGGCTG  
 GTAACCTTGTGCTCTACTGCAGTGCCCGAACACCAAAACAATCCGAGCAGAGGCTTTTAGCACTGATAG  
 TGGTGACTGCTTTCAGAAACCAACCCTGAACCAACAACCTGCGAGCCTCGTGGTGGCTGCCAAGGTAGT  
 GTAGTGAGCACCCGGCCTTTGAAGATGCCATACACATGTCAAGACTCAAGTGGTAAAGATGTTCCCTCTA  
 CTCAGAAATGCCCTCTGATGGACAGATCTCTGGAGGTGGAGGAAGGAGCTGGAGCACCATCAGGGACATG  
 GCTCTTGTACTCACATCCAACAAAGAAGAAGAAATGAACCTAGGCATCTACTACAACCAAAACCCC  
 TTGGAGGTGAACACTGGTCCC GCCCGTGGATCTTGAACCGTGGGCCAGTGGCTACTCTGACCTGGCTG  
 TGGTAGAAGGACAGGGCTTGTTCGCGTCTTATTTGAGTGTGGGGAGAGGCATGAGGATGAGAAGATTGA  
 CTTTTGTCTGTTTTAGACCAAGAGGTCTGAGCTGTGACGACTGTACCAGCCCTAGTAGCAACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_054010
Insert Size:	1257 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_054010.1</a> , <a href="#">NP_446462.1</a>
RefSeq Size:	2307 bp
RefSeq ORF:	1257 bp
Locus ID:	117185
UniProt ID:	<a href="#">Q99PW5</a>
Cytogenetics:	1q32
Gene Summary:	enzyme that cleaves sialic acid from glycoproteins and glycolipids [RGD, Feb 2006]