

Product datasheet for RN205676

Neu1 (NM_031522) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neu1 (NM_031522) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Neu1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205676 representing NM_031522 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGGGCAGAGCCAAGCAGACCCCGGGACCACCGAGCTACTGGACAGGCCGGGGTTCAGGGC
TCGCAGCGATCTTCCTGCTCCTGGTGTCCGCGCGGGATCAGAGGCCAGGACAGAGGATGACTTCAGCCT
GGTGCAGCCGCTGGTGACCATGGAGCAATTGCTGTGGGTGAGCGGGAAGCAGATCGGCTCCGTAGACACT
TTTCGAATCCCCTCATCACAGCCACCCTCGGGCAGCCTCCTGGCCTTCGCTGAGGCTAGGAAAAAGT
CTGCATCCGATGAGGGGCCAAGTTCATCGCTATGAGGAGTCCACAGACCAGGTTAGCACGTGGTCTCTC
TACGGCTTTCATTGTAGACGACGGGGAGGCTCCGATGGGCTGAACCTGGGGCTGTGGTGAACGACGTA
GACACAGGAGTGTTCTCATCTATACCCTCTGTGCTCACAAGTCAACTGCCAGGTGGCCTCTACCA
TGCTGGTTGGAGTAAGGATGACGGCGTTTCTGGAGCCACCGCGGAATCTCTCCGTGGATATTGGCAC
AGAGATGTTTGGCCCTGGACCCGGCTCTGGCATTAGAAAACAGCGGGAGCCTTGAAGGGCCGGCTCATT
GTGTGTGGACACGGGACGCTGGAGCGAGATGGGTCTTCTGTCTCCTCAGTGATGACCACGGTGCCTCCT
GGCACTATGGGACTGGAGTGAGCGGCATTCCTTCGGCCAGCCAAACACGATCACGATTTCAACCCGA
CGAGTGCCAGCCCTACGAGCTTCCAGACGGCTCAGTCATCATCAACGCCCGGAACAGAATAACTACCAC
TGCCGCTCGAGGATCGTCTCCGAGCTATGACGCTGTGACACCCTCAGCCCCGGGATGTGACCTTCG
ACCTGAGCTCGTGGACCCTGTGGTAGCTGCAGGAGCGCTAGCCACCAGCTCCGGCATTGTCTTCTCTC
CAATCCAGCCCATCCCGAGTACCGAGTGAACCTGACCCTGCGCTGGAGCTTCAGCAATGGACATCCTGG
CAGAAGGAGAGGGTCCAGTTGTGGCCGGGACCCAGCGGCTACTCATCCCTGACAGCCCTGGAAAACAGCA
CGGACGGGAAGAAGCAGCCCCCGCAGCTGTTCTGTGTACGAGAAAGGACTGAACCGGTACACGGAGAG
CATCTCCATGGTCAAATCAGCGTCTACGGCAGCTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_031522
Insert Size:	1230 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:	<u>NM_031522.3</u> , <u>NP_113710.2</u>
RefSeq Size:	1931 bp
RefSeq ORF:	1230 bp
Locus ID:	24591
Cytogenetics:	20p12
Gene Summary:	enzyme that cleaves sialic acid from glycoproteins and glycolipids [RGD, Feb 2006]