

## Product datasheet for MC209872

### Neu3 (NM\_016720) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Neu3 (NM_016720) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Neu3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209872 representing NM_016720 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGAAGTCCCACCCTACTCCCTCAGCAGCACCCCTGTTCCAGCAGGAAGAACAGAGTGGGGTGACCT  
ACCGGATCCCAGCCCTGCTGTACCTTCCCTCCCACCACACCTTCTGGCCTTTCAGAGAAGCGGACCTC  
AGTCAGAGATGAGGATGCTGCCTGCCTGGTGCTCAGACGAGGGCTGATGAAGGGGCGCTCTGTACAGTGG  
GGCCCCAACGGCTACTGATGGAGGCCACATTACCTGGGCATCGCACCATGAACCCCTGCCCTGTGTGGG  
AGAAAAATACTGGCCGTGTACCTGTTTTTCATCTGTGTGCGGGGCCATGTTACTGAGAGGTGCCAGAT  
TGTGTGGGGCAAAAATGCCGCCGCTCTCTGCTTCCCTTTCAGTGAAGATGCCGGCTGCTCTTGGGGTGAA  
GTGAAAGACTTGACCGAGGAGGTCATTGGCTCAGAGGTGAAGCGCTGGGCCACATTTGCTGTGGGCCAG  
GTCATGGCATCCAGCTACACTCGGAAGGCTGATCATCCCCGCTATGCCTACTATGTCTCACGTTGGTT  
TCTCTGCTTTCAGTCAAGCCCCATTCCCTGATGATCTACAGTATGACTTTGGAGTACATGG  
CACCATGGCAAGTTCATTGAGCCCCAGGTGACAGGGGAGTGCCAAGTGGCCGAAGTGGTGGGACGGCTG  
GTAACCCGTGCTCTACTGCAGTGCCCGAACCAAGCCGATTCGAGCAGAGGCTTTTAGTACTGATAG  
TGGTGGCTGCTTTCAGAAGCCAACCCTGAACCCACAACCCATGAGCCTCGAACCCGCTGCCAAGGTAGT  
GTAGTGAGCTTCCGGCCTTTGAAGATGCCAAATACCTATCAAGACTCAATTGGCAAAGGTGCTCCCGCTA  
CTCAGAAGTGCCCTCTGCTGGACAGTCCCTGGAGGTGGAGAAAGGAGCTGAAACACCATCAGCAACATG  
GCTCTTGTACTCACATCCAACCTAGCAAGAGGAAGAGGATTAACCTAGGCATCTACTACAACCCGAAACCC  
TTGGAGGTGAACTGCTGGTCCC GCCCGTGGATCTTGAACCGTGGGCCAGTGGCTACTCTGATCTGGCTG  
TTGTGGAAGAACAGGACTTGGTGGCGTGTGTTGTTGAGTGTGGGGAGAAGAATGAGTATGAGCGGATTGA  
CTTCTGTCTGTTTTAGACCACGAGGTCCTGAGCTGTGAAGACTGTACCAGCCCTAGTAGCGACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



<b>ACCN:</b>	NM_016720
<b>Insert Size:</b>	1257 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">BC116892</a> , <a href="#">AAI16893</a>
<b>RefSeq Size:</b>	1671 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	50877
<b>UniProt ID:</b>	<a href="#">Q9JMH7</a>
<b>Cytogenetics:</b>	7 E1
<b>Gene Summary:</b>	Plays a role in modulating the ganglioside content of the lipid bilayer at the level of membrane-bound sialyl glycoconjugates.[UniProtKB/Swiss-Prot Function]