

Product datasheet for **RN213549**

Nlgn3 (NM_134336) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlgn3 (NM_134336) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nlgn3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213549 representing NM_134336
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCTGCAGCTCGGCTGCCCTCGTTGTCCCTGAGCCCCACGCCACAGTTGGCCGGAGCCTGTGCC
 TCATCCTGTGGTTCCCTCAGTTTGGTGCTGAGGGCCAGTACCCAGGCCCGGCACCCACAGTCAACTCA
 CTTTGGGAAACTAAGGGGTGCCAGAGTACCATTGCCCAGTGAAATCCTGGGTCTGTGGACCAATACCTG
 GGGTACCTACGCAGCTCCCCGATCGGCGAGAAACGTTTCTGCCCTGAACCACCCCATCTGGT
 CGGGCATCCGGAACGCCACACACTTTCCCCAGTGTGCCCCAGAACATCCACACAGCTGTGCCGAAGT
 CATGCTGCCAGTCTGGTCACTGCCAATTGGATATCGTCGCCACTTATATCCAGGAGCCCAACGAAGT
 TGCCTCTATCGAATGTGTATGTGCCACGGAAGATGAAAGCGGATTTCCAAGGAATGCGCCCGAAAGC
 CCAACAAGAAAATTTGTAGGAAAGGAGGATCCGGCGCTAAGAAACAGGGCGAGGACTTAGCGGATAATGA
 CGGGGATGAAGATGAAGACATCCGAGACAGTGGTCTAAACCTGTCATGGTCTACATCCACGGAGGCTCT
 TACATGGAAGGAACAGGCAACATGATTGACGGCAGCGTTCTTGCAAGTTATGGCAACGTCATCGTCATCA
 CACTCAACTACCGGGTCGGGGTGTAGGTTTCTGAGCACTGGGGATCAGGCTGCCAAGGGCAACTATGG
 GCTCCTTGATCAAATCCAGGCCCTTCGCTGGGTGAGTGAGAACATTGCCTTCTTTGGAGGAGATCCCGT
 AGAATTACTGTCTTTGGCTCTGGCATTGGTGCATCCTGTGTGAGTCTTCTCACACTGTCTCACTCTG
 AGGGGCTTTTCCAGAGGGCCATCATCAAAGTGGCTCAGCGCTATCTAGCTGGGCTGTGAACTACCAACC
 AGTGAAGTACACCAGCTTGTCTCGAGACAAAGTGGGCTGTAACGTCCTGGACACTGTGGATATGGTGGAT
 TGTCTTCGACAAAAGAGTGCCAAGGAGCTGGTGAACAGGACATTCAGCCAGCCCGCTACCATGTGGCTT
 TTGGCCCTGTGATTGATGGTGTGATCCTCTGATGACCCTGAGATCCTTATGGAAGGGGTGGTGGACCCC
 CAACTATGATATCATGCTAGGCGTCAACCAGGGTGAGGGTCTCAAGTTTGTGGAAGGGGTGGTGGACCCC
 GAGGATGGTGTCTCTGGCACTGACTTTGACTACTCTGTCTCCAATTTTGTGGACAATCTATATGGCTATC
 CCGAGGGTAAGGACACCCTGCGGGAGACTATCAAGTTCATGTATACAGACTGGGCAGACCAGACAACCC
 TGAGACCCGCGTAAAACACTGGTGGCACTTCTACTGACCACCAGTGGGTGGAGCCTTCGGTGGTGA
 GCTGATCTGCATGCCGCTATGGCTCACCCACTTACTTCTACGCCTTCTACCATCACTGCCAGAGCCTCA
 TGAAGCCTGCATGGTCAAGTGCAGCACACGGGGATGAAGTACCCTATGTTTTTGGTGTCCCTATGGTAGG
 TCCCACTGACCTTTCCCTGCAACTTCTCCAAGAATGATGTTATGCTCAGTGTGTTGTTATGACCTAT
 TGGACCAACTTTGCCAAGACCGGGATCCCAACAAGCCGGTACCCAGGATACCAAGTTCATTACACCA
 AGGCCAACCGCTTGTAGGAAGTAGCCTGGTCCAATAACAATCCCGGGACAGCTCTACCTTCACATCGG
 GCTGAAACCAAGGGTTCGTGATCATTACCGAGCCACAAAGGTAGCCTTTTGAAGCACCTGGTACCCCAT
 CTGTACAACCTGCATGACATGTTCCACTATACATCCACGACCACGAAAGTGCCGCGCCGGACACCAACC
 ATAGCTCCACATCACCCGTAGGCCAACGGCAAGACCTGGAGCACCAAGAGGCCAGCCATCTCACCTGC
 CTACAGCAATGAGAATGCTCCTGGTCTGGAATGGGGACCAGGATGCAGGGCCACTCCTGGTCGAGAAC
 CCTCGAGACTACTCCACTGAATTAAGTGTACCATCGCTGTTGGGGCCTCTCTCTGTTTCTCAATGTGT
 TGGCCTTTGCTGCTCTCTATTACCGTAAGGACAAAACGGCGCCAGGAGCCCTGAGGCAGCCTAGCCCCA
 AAGGGAACTGGTCCCCAGAATTGGGAACTGCTCCAGAGGAGGAGCTGGCAGCATTACAGTTGGGTCCC
 ACTCACCATGAGTGTGAGGCCGGCCCCACACGACACACTGCGCCTCACAGCATTGCCCGACTACACCC
 TGACCCTGCGGCCTCCCCGATGACATCCCACTCATGACTCCCAACACCATCACTATGATTCCCAATTC
 CCTGGTTGGGTTGCAGACCTTGACCCCTATAACACCTTTGCCGCGGATTCAACAGCACCGGGCTGCC
 CACTCACACTCCACTACCCGTGT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134336
Insert Size: 2547 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:	NM_134336.2 , NP_599163.2
RefSeq Size:	3166 bp
RefSeq ORF:	2547 bp
Locus ID:	171297
UniProt ID:	Q62889
Cytogenetics:	Xq22
Gene Summary:	neuronal cell surface protein that binds neurexins [RGD, Feb 2006]