

## Product datasheet for **MC214487**

### **Negr1 (NM\_177274) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Negr1 (NM\_177274) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Negr1  
**Synonyms:** 5330422G01Rik; KILON; Ntra  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC214487 representing NM\_177274  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGCTCCTGGCGCAGGGCGCTTGTGCTCGAACCAGTGGCTGGCGGGGTGCTTCTGAGCCTGTGCT  
CTTGCCTCCCGGCCGGGAGAGCGTGGACTTCCCTTGGCGGCCGTGGACAACATGCTGGTGAGGAAAGG  
TGACACAGCGGTGCTCAGGTGTTACTTGAAGATGGAGCATCAAAGGGTGCCTGGCTCAACAGGTCAAGT  
ATCATTTTTGCTGGAGGTGACAAGTGGTCAAGTGGACCCTCGAGTTTCCATTTCCACATTGAATAAAAGAG  
ACTACAGCCTCCAGATACAGAATGTTGATGTAACAGATGATGGCCGTACACCTGTTCTGTGCAGACCCA  
ACACACACCACGGACAATGCAGGTTTCATCTCACTGTGCAAGTCCCACCGAAAATATACGACATCTCAAAT  
GACATGACCATCAATGAAGGAACCAATGTCACCCTTACTTGTGGCCACTGGGAAGCCAGAGCCTGTCA  
TTTCTGGAGGCATATCTCCCATCAGCAAAACCATTTGAAAATGGACAATATTTGGACATTTATGGAAT  
TACAAGGGACCAGGCTGGGGAGTATGAATGCAGTGCAGAAAACGATGTGTGTTCCAGACGTGAAGAAA  
GTGAGAGTGATCGTGAACCTTTCGCCTACAATTCAGGAAATTAATCTGGCACTGTGACCCTGGACGCA  
GTGGACTGATACGATGCGAGGGTGCAGGTGTGCCGCCCGCCCTTCGAGTGGTACAAAGGAGAGAAGAG  
GCTCTTCAATGGCCAACAAGGAATTATCATTAGCAATTTAGCACAAGATCCATCCTCACAGTGACCAAT  
GTGACGCAGGAGCACTTCGGCAACTATACTTGTGTGGCTGCCAACAAGTTGGGTACAACCAACGCGAGCC  
TGCCCCTCAACCAGAGTCCATTCCCTGCAAGTTTTCTTCATGTTGAAAGTTTCTTTCTGCTGTCTG  
CATCTTA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_177274



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<b>Insert Size:</b>	990 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="#">NM_177274.4</a> , <a href="#">NP_796248.1</a>
<b>RefSeq Size:</b>	2260 bp
<b>RefSeq ORF:</b>	990 bp
<b>Locus ID:</b>	320840
<b>UniProt ID:</b>	<a href="#">Q80Z24</a>
<b>Cytogenetics:</b>	3 H4
<b>Gene Summary:</b>	May be involved in cell-adhesion. May function as a trans-neural growth-promoting factor in regenerative axon sprouting in the mammalian brain.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains an alternate 3' terminal exon which results in a frameshift compared to variant 1. The encoded protein (isoform b) is shorter and has a distinct C-terminus compared to isoform a.