

## Product datasheet for SC313099

### NEGR1 (NM\_173808) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NEGR1 (NM_173808) Human Untagged Clone
Tag:	Tag Free
Symbol:	NEGR1
Synonyms:	DMML2433; IGLON4; KILON; Ntra
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313099 representing NM_173808. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACATGATGCTGTTGGTGCAGGGTCTTGTGCTCGAACAGTGGCTGGCGCGGTGCTCCTCAGC
CTGTGCTGCCTGTACCCTCCTGCCCTCCCGCTGGACAGAGTGTGGACTCCCCTGGCGGCCGTGGAC
AACATGATGGTCAGAAAAGGGGACACGGCGGTCTTAGGTGTTATTTGGAAGATGGAGCTCAAAGGGT
GCCTGGCTGAACCGTCAAGTATTATTTTGGGGAGGTGATAAGTGGTCAGTGGATCCTCGAGTTCA
ATTTCAACATTGAATAAAAGGGACTACAGCCTCCAGATACAGAATGTAGATGTGACAGATGATGGCCA
TACACGTGTTCTGTTTCCAGACTCAACATACACCCAGAACAATGCAGGTGCATCTAACTGTGCAAGTTCCT
CCTAAGATATATGACATCTCAAATGATATGACCGTCAATGAAGGAACCAACGTCACTCTTACTTGTGTTG
GCCACTGGGAAACCAGAGCCTTCCATTTCTTGGCGACACATCTCCCATCAGCAAAACCATTTGAAAAT
GGACAATATTTGGACATTTATGGAATTACAAGGGACCAGGCTGGGGAATATGAATGCAGTGGGAAAAT
GATGTGTCATTCAGATGTGAGGAAAGTAAAAGTTGTTGTCACCTTTGCTCCTACTATTCAGGAAAT
AAATCTGGCACCGTGACCCCGGACGCAGTGGCCTGATAAGATGTGAAGTGCAGGTGTGCCGCCTCCA
GCCTTTGAATGGTACAAAGGAGAGAAGAAGCTCTTCAATGGCCAACAAGGAATTATTATCAAAAATTT
AGCACAAGATCCATTCTCACTGTTACCAACGTGACACAGGAGCACTTCGGCAATTATACCTGTGTGGCT
GCCAACAAGCTAGGCACAACCAATGCGAGCCTGCCTCTTAACCTCCAAGTACAGCCAGTATGGAATT
ACCGGGAGCGCTGATGTTCTTTCTCCTGCTGGTACCTTGTGTTGACACTGTCCTCTTCCACCAGCATA
TTCTACCTGAAGAATGCCATTCTACAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_173808



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<b>Insert Size:</b>	1065 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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
<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_173808.2</a>
<b>RefSeq Size:</b>	5669 bp
<b>RefSeq ORF:</b>	1065 bp
<b>Locus ID:</b>	257194
<b>UniProt ID:</b>	<a href="#">Q7Z3B1</a>
<b>Cytogenetics:</b>	1p31.1
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs)
<b>MW:</b>	38.7 kDa
<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 (By similarity).[UniProtKB/Swiss-Prot Function]