

Product datasheet for **MC201257**

Retreg3 (NM_026501) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Retreg3 (NM_026501) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Retreg3
Synonyms:	1300010M03Rik; 4933404C01Rik; AI551748
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016089 sequence for NM_026501
 GTGGCTGCTGAAGGGGAGATGGAGGAGGCTGAAGGGGTGGCCGCGGCCCCGGGTCCAGCTTCGGGGTTGG
 CTTTCAGGGGCCCGGAGCTATGTCCGGCTCCTGGGAGCGCGACCAGCAGGTTGAGGCGGCGCAGCGGAC
 CCTGGTGGAGGTGCTGGGCCCTTACGAGCCTCTGCTGAGCCGGGTGCAGGCAGCCCTGGTGTGGGAGCGG
 CCGGCCAGGAGCGCCCTGTGGTGCCTGGGGCTGAACGCGGCGTTCTGGTTTTTGCATTGACATCACTTC
 GTTTTGTGTTTTGCTTGCATTACGCTTGATGATCATTGTCTGTATTGACCAATGGAAGAACAAAATTTG
 GCCTGAGATAAACGTGCCGAGACCTGACGCCTTGGACAACGAGAGCTGGGGCTTTGTGCACCCCTCGGTTG
 CTCAGCGTGCCCGAGCTCTGCCACCATGTAGCTGAAGTCTGGGTTAGTGGGACCATTTTCATAAGGAATC
 TTTTGCTTTTCAAAAAGCAAAACCCAGGCAAGTTCTGCCTGCTGAGCTGTGGGGTACTGACCTTTTTGGC
 CATGTTGGGCCGTACATCCCTGGGCTCCTGCTGTCTACTTGATGCTTGTATCATTATGATGTGGCCT
 CTTGCTGTCTATACCGTCTGTGGGATCGAGCCTATGTGCGACTGAAGCCAGTTCTGCAGCGGCTGGACT
 TCAGTGTCCGTGGCTACATGATGTCCAAGCAGAGAGAAAGACAATTGCGCCGAGAGCTCTGCACTCAGA
 ACGTGCCACGGACAGCCACAGTGACAGTGAAGAGGAACCTGCTGCCTTCTGTCTCAGCTGGATGATTCT
 ACTGTTGCCAGGGAATTGGCTATCACAGATTTCGAGCACTCTGATGCTGAGGTCTCTGTACAGAAAATG
 GCACATTTAACCTGTCAAGAGGCCAAACACCTCTAACAGAAGGCTCTGAAGACCTAGATGCCACAGTG
 TCAGAGGAGTCAATTTGCCAGAGACCTGCCAGACTTCCCTTCCATTAACGTGGATCCTGTGGCCTGGAC
 GACGAGGACGACACCAGCATTGGGATGCCAGCTTGATGTACCGTCCCCACCAGGGGCTGGGGATACCC
 AGGTCTGCTGCTAGTCGGAATGAGGCTGCACTGCCAGAGCTCCTGCTTAGTTCCTTCTCTGGAGGATC
 TAACCTTACCAGCAACCTTGCCAGCCTGGTCTCCAGGGTATGATCCAATGGCCTTGTGAGAGGCTCC
 CAGACAGACCCCTTCTGGCCACCTCCCCGAAGAGCAACAAGAGGCTTCTCCGGGGCCCTAGTTCAGACC
 TGGACACTGATGCTGAAGGAGATGATTTGAACCTCTGGACCAATCAGAGCTGAATCAGCTAGACCTGC
 CAGTTCTAGGAGCCACTGAGAGACTCCTTTGAGGGGGTCACTGTGCTGTAGGTTATTTTCTCCACCCC
 ACTTACTGTGATGGGGCAAGGGAAGAACCCAGTCTTGTCCCTGAATTTATCTGTGTGCTGGGTGGCCT
 GGCTGATGCAGAGGCCTGCTAAGAGAACGTACTTTACCTGCTGCCAGTGAGACATCGTATCTGTGCTTA
 GTCAGTGAAGTGAGAACATACTCCCGCCCAAGGAGGCTTCTCTCCATCAGGGTGTACACGGGCAACA
 AAGTAGGGATTGATTCCCTTTGAGGAGGTAGTGTGTTTGTCTTTAGGTCTGGGTGCTCAGGGGCCCT
 CACTGATACAAGAGCCCATCTCTCTCCTCACCTCACTGGAGCCACAGAAGCCAGGCAGCAGCTACAGGA
 GTTATCATCTGTGCTTTTACCATGATTTGATTTGTGTTCTCAAAGCAAGTGCCCTTTGGTTCTGCAG
 AGCAGGCCCACTTCTGTCCCTGAGCCCATCTTCAATTTCTAGAGGGCTGACCCTGAGCACTCCAGAGTGC
 TTGCAGAGTTTGAGAAATGTGAACATGCTGTGGGGCTGAGCCTCTGCTATATACCGTGAGCTGTAGGAT
 CAGCTGGCTGGCTGGGTTGGTGAGTGCCTACCTTGAGGTCTCATGAAAGCTCCTGGAGCTGTGTGGTTGT
 CTTTGGTGCTGTTAACCTTTGGCTCCATTTGACCATCAATCTGAGCAATGAGCAAAGCAATATCATATCC
 ATGTTTATGTCCCTCCTCCTTCCCTTGCTCCTCCTCTGGAGAAGCACTAATTACACAGGGGATAGCAAAG
 TAGCACTTTACAAATGGCCATGGCGTTCATCCCAAGAGCCACCAGCTCTTCTTACCATACCCTTCTTAA
 CTCCTGTAAGGATGAGCCAGTTAGTAAGGATGTTGGTAATCAGCAGAGACCATTTCTCAAGGGTAGGTGT
 TCTGCAGCCCCGAATCAAATCATGTGAAAACCCCTTAAATGATCATTGGTTCTCAACCTGTGCCAGCATA
 CTGCCTCTCTGTCTCCAAATCAGAGCTCAAGCCAAATTTCTTATCCTCTTCCCTCTTGCAATTAACCT
 TTGCTGATCCTCAGGGACCACTCCCCAGCACTTTTGTGTTTGGGTGAGGGATGTTGGACAGAGCCCAT
 TTTATGTGCTGCAGGTTGGGGTTGTGCTAACACTTTTGCTCTTGGTTGATGGACAAGATAGAGGCCAGG
 GAGTGAATAACAGTGAGAAGAGGAATGGCAGGTGCCTGTTTCATAGTCAGTGAGTGTGAAAGTTAGGCAT
 AATAATGGCATCTCCCCACTTTAGGGTTCTCAAATACTTTGGACATCTCTTCTTAGAGCCAGGTAGAT
 GTCTTACAGGTGAACCTGATGATGTGGAAGAAACAAAAAAGGGAGGTGAGGGAAGGCTTGGGTTTTT
 GCGTGTGTTGATGAGTGTGTGAGCTTCATGCTTTGGGAGTTGGCAAGAGGAAGAGGGAGGAAGGGGAG
 CAAGCAAATCCAGGTCTTTTCTGTACCACTGGAACCTGCTCTGAATCTCCAAGTCTCCACTGTGAAT
 TGGGCTGGGTGGGGGGTGCAGGGGAATAAATCTTGATGAGAACAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026501
Insert Size: 1401 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC016089</u> , <u>AAH16089</u>
RefSeq Size:	3070 bp
RefSeq ORF:	1401 bp
Locus ID:	67998
UniProt ID:	<u>Q9CQV4</u>
Cytogenetics:	11 D
Gene Summary:	Mediates NRF1-enhanced neurite outgrowth.[UniProtKB/Swiss-Prot Function]