

Product datasheet for **SC107138**

RETREG3 (NM_178126) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RETREG3 (NM_178126) Human Untagged Clone
Tag:	Tag Free
Symbol:	RETREG3
Synonyms:	FAM134C
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_178126, the custom clone sequence may differ by one or more nucleotides

ATGGCTGAGGCCGAAGGGTTCCACGACCCAGGCCCGGCTTCGGGGTCGACTTTCAGGGGCCGCCGAG
 ATGTGTCAGGCTCCTGGGAGCGGGACCAGCAGGTTGAGGCGGCGCAGCGGCCCTGGTGGAGGTGCTGGG
 GCCTTACGAGCCTCTGCTGAGTCGGGTGCAGGCAGCCCTGGTGTGGGAGCGGCCAGCTAGGAGCGCTCTG
 TGGTGCCTGGGGCTGAACGCGGCTTTCTGGTTTTTGGCCTGACATCTCTTCGTCTTGTTTACTTG
 CATTTGGCTTGATGATCATTGTGTATTGATCAATGGAAGACAAAATCTGGCCTGAAATAAAAGTGCC
 AAGACCCGACGCATTAGACAATGAGAGCTGGGGCTTTGTGCACCCTCGGTTGCTCAGCGTGCCCGAGCTC
 TGCCACCATGTAGCTGAAGTCTGGTTAGTGGGACCATTTTCATAAGGAATGTTTTGCTTTTCAAAAAGC
 AAAACCCAGGCAAGTTCTGCTTGCTGAGCTGTGGGATACTGACCTTTTTGGCTGTCTTGGGCCGCTACGT
 CCCTGGGCTTCTGCTGTCTACTTGATGCTTGCTACTGTGTCATGATGTGGCCCTTGTGTGTACACCGA
 CTGTGGGATCGAGCATATGTGCGGCTGAAGCCAGCTCTGCAGCGGCTAGACTTCAGTGTCCGTGGCTACA
 TGATGTCCAAGCAGAGAGAGAGACAATTACGCCGAGAGCTCTCCACCCAGAACGAGCCATGGACAACCA
 CAGTGACAGCGAAGAGGAGCTTGCTGCCTTCTGTCTCAGCTGGACGATTCTACTGTTGCCAGGGAATTG
 GCCATCACAGACTCTGAGCACTCAGACGCTGAAGTCTCCTGTACAGACAATGGCACATTCAATCTTTCAA
 GGGGCCAAACACCTCTAACGGAAGGCTCTGAAGACCTAGATGGTCACAGTGATCCAGAGGAATCCTTTC
 CAGAGACCTTCCAGACTTCCCTTCCATTAATATGGATCCTGCTGGCCTGGATGATGAGGACGACACTAGC
 ATTGGCATGCCAGCTTGATGTACCGTTCTCCGCCAGGGGCTGAGGAGCCCCAGGCCCCACCTGCCAGCC
 GGGACGAGGCTGCCTGCGGAGCTCCTGCTTGGTGTCTTCTGTAGGATCCAACCTCACCAGCAACCT
 TGCCAGCTGGTCTCCAGGGTATGATTGAGCTGGCCTTGTGAGGGGCTCCCAACCAGGCCCTTCTGGA
 GCACCTGCCAGAGAGCAACGAGAGGCTTCTCCGGTCCCCAGTTCAGACCTGGACACTGATGCTGAGG
 GGGATGACTTTGAACTTCTGGACAGTCGGAGCTGAGTCAGCTGGACCCTGCCAGTTCTAGGAGCCACTG
 A


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178126 unedited TGTATACGACTCTATTAGGCGGCCGCGAATTCGCACGAGGCCGGATGTTGTGGCTGCCG CGGGGAGATGGCTGAGGCCGAAGGGTCCCACGACCCAGGCCCGGCTTCGGGGTCGACT TTCAGGGGCCCGCAGATGTGTAGGCTCCTGGGAGCGGGACCAGCAGTTGAGGCGGCG CAGCGGGCCCTGGTGGAGGTGCTGGGGCCTTACGAGCCTCTGCTAGTCGGGTGCAGGCA GCCCTGGTGTGGGAGCGCCAGCTAGGAGCGCTCTGTGGTGCCTGGGGCTGAACGCGGCT TTCTGGTTTTTTGCCCTGACATCTCTTCGTCTTGTGTTTTTACTTGCAATTTGGCTTGATG ATCATTGTGTGATTGATCAATGGAAGAACAATACTGGCCTGATATAAAAGTGCCAAGA CCCGACGCATTAGACAATGAGAGCTGGNGGCTTTGTGCACCTCGGTTGCTCAGCGTGCC CGAGCTCTGCCACATGTAGCTGAAGTCTGGGTTTGTGGGACCATTTTATAAAGGAATGG TTTTGCTTTTCAAAAAGCAAAACCAAGGCAAGTTCTGTTTGTGGAGCTGTGGGATACTG CCTTTNTGGCTGGTCTTGGCCGCTCGTCCCTGGCTTCTGCTGCTACTGGATGCTTTC ACTGCATGGAAGTGGCCCTTGCTGTGTACACCGACTGGGGGGATCGAGCATATGTGGCG GGTGGAGCCAGCTCTGCAGCGGCTAAATTTAAGGGGCCGTGGCTACTTTGATGCCAGCG GAAAAAGAAAAATTACCCCGCAAAGCTCTTACCCAGAACAGCCTGGACACCCAGTGC AAGCAAAGAGGAGCCTGCTCCTTTTGCCTAGTTGAACATTTTACTGTGTCCGGGATTG GCCATCAAAATCTGACACTAAAACCTAAATCTCTGTCAAGAA
Restriction Sites:	NotI-NotI
ACCN:	NM_178126
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.
RefSeq:	<u>NM_178126.2, NP_835227.1</u>
RefSeq Size:	3779 bp
RefSeq ORF:	1401 bp
Locus ID:	162427
UniProt ID:	<u>Q86VR2</u>
Cytogenetics:	17q21.2
Protein Families:	Transmembrane
Gene Summary:	Mediates NRF1-enhanced neurite outgrowth.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer, protein coding transcript.