

Product datasheet for **SC216189**

RETREG1 (NM_019000) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RETREG1 (NM_019000) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RETREG1
Synonyms:	FAM134B; JK-1; JK1
ACCN:	NM_019000
Insert Size:	1718 bp



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Insert Sequence: >SC216189 3'UTR clone of NM_019000
 The sequence shown below is from the reference sequence of NM_019000. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCCTTTCAAATCTGCTGGGAGGCCATTAACTAGGAATCAGTTGCAACAGAGCACAAAAACACCAA
AAAAATTTCAAACAAGAAAAAAAAAAAAAAAAAGGAAAAGAAAAAATTGAACTGTAAAGCTTTAATGATT
ACTTTAGATTTGTTTTATTTCCCTCCTGCAGTGAATTAATTGGATATATACAGCTGACACTGATAGA
TTGATATTTCTGATCGTTATTTTGTGTAATAAGCATGGAAATGAACTTTATACACCACTGTGTTGT
CAGAGATAAATATTAGGGTTGTTTTAAAGCAAAAAGAAAAACAAAAACAACTATTAATAATCCT
CCTATAAATATTCTTTTTCTTACAGTTTTCAAGCATGCAAAACAGTTTATTGTAACCTACTGAAAAA
TATTAACAATTAATTGTGAATACATGCTGTACCAGCTTCCTTATCCTAATACCTGGAAAAATTTTTT
TTCAACGATAGATTTTGTATGTAAGAAAGACCGAAATTATCAAGGTATCTTAGTTGAAGGACTTGGGAA
ATACTATCAAAATTAATTTCTTAGGAAAAATTTAAAAGTATATTTAAGTACTCTGGATAGACTGAAAC
GTTCCATGTTATTTCTGCAGTTGTAGACTTAGGCTTATTTGTAAGAAGCATGTCCATTGACTGCCA
TCTCTAGTCTTGCAGTGGTGGTATTAACCCATAGAAAGCAAGCAGTTGTGTATCACATAGACAATGGT
TATGATGTAACAGATTCAGTTGTTTTGTTGTTTCATTCGTCATATGTTTGTGATAGGGATGTTGGGAGC
ACAGCTCTATTCTGCCTGCTCAGACTTAAGTTAGACCCTATCTTTTATATTATGTCATGAAAAAGTC
TCCTAAAATTGTGAACTAGTCTTGTAGTGTGATGATCATCAGCAATAAAGATATAAATAACTCTGT
TTTCTTAGCCTGTATAGAGGAGAGGAACCTGCTGGCTTTAAAATATATTTATTTGCCATTTAAGTATA
AATATGGAATCTGTTTTCTTTGGGAAGATAGAATATATATATTTTCTTTAACTTTTTAAGGCTACT
TTTAAATAACCAATTTGATTTATGGTTTTTAAACAAAGGACTAAAGAGCTGAAACCAACCTAGTTTTGT
TTTTGTGATATAAACTTTAAGTGTGCGAGGACCATGCCAGCAACTACAAAAATCTTAAATCTTCAG
GTACAGCTGGCATTGTCAGATGCATAGAGACATCTGAGACCCTCAGAAAGGAAGGATAATCCAAGAA
TATAGGAAATCTGTGTTCTTCCCTTCATTTTATCCCTTATATTTCTAAAGACTAATTATAAGTAATC
TGACATTTAATGTAGCTACTCTATTTATTTTTCTTCTGAGGTATTAATAATCTGGACTGAGTTT
TGCCAAATGTTAAAGGGAGAAGAGTTACTGAAGACTTTGAACACTTGCTTTTTGTGATTGCTTATGTCA
TTAGTGCCTCATGACTGTGTTTGTATGTCCTTTATTGATACAAAGTGAAGCCTGTGCCTTCATTATCTTGC
CCATTTTAAATACAAATGGAAACCTGGTGTGTTGAAAATCTCTGAACTGTGTGGGTTTTGGAGGAATATAC
CTGAATTTTATTCAATAACAGTTTCTGGACAGGAAGAAAAATACAGTTACATATTTATAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_019000.5](#)

Summary: The protein encoded by this gene is a cis-Golgi transmembrane protein that may be necessary for the long-term survival of nociceptive and autonomic ganglion neurons. Mutations in this gene are a cause of hereditary sensory and autonomic neuropathy type IIB (HSAN IIB), and this gene may also play a role in susceptibility to vascular dementia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Locus ID: 54463

MW: 67.4