

Product datasheet for **SC214410**

RIM2 (RIMS2) (NM_001100117) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RIM2 (RIMS2) (NM_001100117) Human 3' UTR Clone
Symbol:	RIM2
Synonyms:	CRSDS; OBOE; RAB3IP3; RIM2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001100117
Insert Size:	2000 bp



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Insert Sequence:	>SC214410 3'UTR clone of NM_001100117 The sequence shown below is from the reference sequence of NM_001100117. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC TCAACTGGACCTTCTTACTCTCGTTCAAGCAGCTGTAAAAAATTGTTGTACAGCAACCAGCGTTAC AAAAAAAAAAAAAAAAATCACAGTTGCAAAACCCTGGTAACACTGCATGCTTAATGTTGTCTTCTGA GCCTGTTTCTAGGGATACAAAGCAATCCTGTGTTCTCAGAGGAAGTTGCACACATTGTGCCCTAAAGAA GGCCCTCAGGTGAAAGAGCAGAGCTGTGAAGAACTATCAGATTGGAATTCAATGACACTCGAGTTCTG GTCCAATCTGAAGCCATGGATTAATCTCAAAGAATCAGTCAGTTTCATGCAACAGAAGCCCTTTTCAAT GGCACCTTTATATTTTTATCATTCTTTTTCTTCATTTATCTAACCCAAAGCCCTGATATGCCACAGA AATGGAGCTATACAGCCATGAAGCGGTGTACAGGTGAGGAGTGAATCCTAGGAAGCATCAGGTGAAA AGCAGGAGACCAAGAAGTGGTCAGGAACAATCATCAGCCCTCCTCTGGGCGGGAATCAGAGCAGTCAG TCCAGCAGGAAGAGTGGCAGACTTTGTAGCTCCATGGGCACGTCAATTACTAATGCTAAGATGTGTTGG ACTCTGAAAAACAAAATTCTGTGGCTACACTGTACTGAATGAAATTAAGAAAATTTTTTTGCATGGAC ACAGATTAGCTGAATACTTAAATTATTTCTTGGGGCTGCAACTTGCAAAAAAAAAAAAAAGAATAAAA ATCAGCCATTTTCAACAATTTATATTATTTTAAAAATAAATTTCACTAGTGCATGGTTTTAAAAAGGA GAGAGAATGCAACAGGGTGATACAAAGATACACCATGTTATTCTTTAATCATAGTCTGTGTTTTGGCA GACATTACAAATGGAATACTTTCTAGAAGATACTTAAATTTCTTTTATGTGACAAATAAGTATAATA TATTCAATTTATTTCCATGTTAAATATACAAATCTTATGAAGTTCAATATGTGCAATTTTTTCACATCT TTCTCCTTCTCACTTTACCTCTTCTCCCTCTTTAACTTTTCTTTCTCCCTGCCAGAGTGAACCTT ATACTAAAAAATTACAAGTTTTGATCTGATCCTCTCTCATACCCCATGTTTGATTACAGAGCTGTAGATG CCTCTGAATTTGCGAATTTCTCAAGGGAATAAATTTAAGAGCTTTCTTTATTCAAGCATGTTGAA AAGGATTTTGCAACATGACTTGGGAGTACATTAAAGTAAGTCAGCATGTATTTGACGAAGAAGATATTT GAACCTTTTGCAAGTTTATGTACAGTGCATGGTAATTTTTTACCTTTAAATTCAGTTTACAGGAAAT TCTAAATCATGTTGCCATTGTGATGTCCAATAAATTTGTTTTAGCACCAGCATTATTCATACAGGGG TTAAAGTATTATTTGTAGAAGGTCTTAGGTTTTGTTGTTTTTAAATCATTTAAAGCAATTTCTTTAGC CAGTTTCCATTTACTATGTGAATAGAAGCACTGCTAAAAATTGGGAACCCTGAAACACAGGGCTGTTTA TTAATTCATTTTCTGTAGTAAATTCATTTTCAAAATTATTTCTAAAGAAATATAGTAAACAT AAATTTGCAACAATTTTAAAGCTCCAGTTTTTAGGTGACTCAAAGAAAGTCATTATGCCTATTAATAGT TATTTGATGCCATCACCAAAAGTCTATGTGAAAATCTCCTAAAGTCAAAACCCCTGCCTTTGGTTTTAC AGACGGTTATTACCATTGGGTGGAGCTGCAAGGTCAAATTTCTCCTAAGTTCCCTATTTAGAGGAAAA GTCAGTGGTTATTGTAATAAACCAACCATGGTTCTTTATGTACATTTTGATAACACATTATTATAGCTT GATTTTAATTTTTGCATTAATTTTGAATCCACATACATCTCATTTGTTTAAATTAAGGCCATGCA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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:	<u>NM_001100117.3</u>

Summary:	The protein encoded by this gene is a presynaptic protein that interacts with RAB3, a protein important for normal neurotransmitter release. The encoded protein can also bind several other synaptic proteins, including UNC-13 homolog B, ELKS/Rab6-interacting/CAST family member 1, and synaptotagmin 1. This protein is involved in synaptic membrane exocytosis. Polymorphisms in this gene have been associated with degenerative lumbar scoliosis. [provided by RefSeq, Feb 2017]
Locus ID:	9699
MW:	76.9