

Product datasheet for **SC336210**

WBSCR16 (RCC1L) (NM_148842) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBSCR16 (RCC1L) (NM_148842) Human Untagged Clone
Tag:	Tag Free
Symbol:	WBSCR16
Synonyms:	WBSCR16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336210 representing NM_148842. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGCTGGTGGCGTTGGTGGCTGGGGCTCGGCTGGGGCGGGCTGAGCGGGCCGGGCTGGGGCGA
 GGGCACTGGACGGCGCGCCGGGCGCTCCCGAGCCGGCGCGAAGCGGCAGAAGCCGAGGCGGAGGTGCC
 GTGGTCCAGTACGTGGCGAGCGCGCTGCCCGCGCCGATCGCGTCTTCGTGTGGGCTTCAGCTTCTCG
 GGGGCGCTGGGCGTGCTTCCTTTGTGGTGGCCAGCTCCGGGCGCGGCCCGCGCGCGCCGACCG
 CGCCGAGGATCCAGCCCGTGCCTATCGCTGGAGCTGGACAAAAGATTTATCTGCTGCTTGGCGC
 TATGGATTCACACTGCTGCTCTAAGACTGCGGATGTTACGAAAGTCTGGGGATGGGACTCAACAAA
 GATTCTCAGCTTGATTTACAGGAGCCGAAAGATAAAACGAGGGGCTACGAGTATGTGTTGGAGCCC
 TCACCCGCTCTCCCTGCCTCTGGACAGACCTCAGGAGACACGGGTGCTGCAGGTCTCCTGCGGCCGAGCT
 CACTCTCTTGTGTTGACTGACAGGGAAGGAGTCTTCAGCATGGGAAACAATCTTATGGGCAATGTGGA
 AGAAAGGTGGTCGAAAATGAAATTTACAGTGAAAGTCACAGAGTCCACAGGATGCAGGACTTCGATGGC
 CAGGTGGTCCAGGTGCGCTGTGGTCAGGATCATAGTCTGTTCTGACGGATAAAGGAGAAGTCTATTCT
 TGTGGATGGGTGCTGATGGGCAACAGGTCTGGGTCACTACAATATCACCAGCTCGCCACCAAGCTG
 GGTGGAGACCTGGCGGGAGTGAACGTTATCCAAGTTGCCACCTACGGTGATTGCTGCCTGGCCGTGTCC
 GCCGACGAGGACTTTTTGGTTGGGAAACTCGGAGTACCTGCAGCTGGCCTCTGCTCACTGACTCCACA
 CAGGTGAATGTGCCCGCTGCTTACACTTCTCAGGAGTGGGGAAGGTGCGACAGGCTGCATGCGGTGGC
 ACGGGCTGTGCAGTGTTAAACGGAAGGACATGTTTTGTCTGGGGCTATGGAATTTCTGGGAAAGGT
 CCAAACCTAGTGGAAGTGCCGTCCTGAAATGATTCCACCCACTCTCTTGGCTTGACGGAGTTCAAC
 CCAGAAATCCAGGTTTCCCGCATCCGATGTGGACTCAGCCACTTTGCTGCACTGACCAACAAAGGAGAG
 CTGTTTGTATGGGCAAGAATCCGAGGTGCTGGGAATCGGTGCGCTGGAGGACCAGTATTTCCCA
 TGGAGGGACCTGCCCATCCGCCAGCGCAAGACAACAGGCCCACTCCT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_148842
Insert Size:	1365 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.
RefSeq:	<u>NM_148842.2</u>
RefSeq Size:	2434 bp
RefSeq ORF:	1365 bp
Locus ID:	81554
UniProt ID:	<u>Q96I51</u>
Cytogenetics:	7q11.23
Domains:	RCC1
MW:	48.7 kDa
Gene Summary:	This gene encodes a protein containing regulator of chromosome condensation 1-like repeats. The encoded protein may function as a guanine nucleotide exchange factor. This gene is located in a region of chromosome 7 that is deleted in Williams-Beuren syndrome, a multisystem developmental disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (2) lacks the 3' coding exon and contains an alternate 3' exon, resulting in a distinct 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.