

## Product datasheet for **SC100597**

### RNF165 (NM\_152470) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RNF165 (NM_152470) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF165
Synonyms:	Ark2C; ARKL2; RNF111L2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152470, the custom clone sequence may differ by one or more nucleotides

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ATGGTCCTGGTCCACGTCGGCTATCTCGTGCTTCCAGTGTGGCTCTGTGCGAAACAGAGGTGCCCCCT
TTCAAAGGTCTCAGCATCCTCACGCTACCTCCTGCCGCCACTTCCACCTGGGCCCCCGCAGCCGCAGCA
GCTCGCTCCCAGCTTCCCCTGGCCACCCCGTGCAGTCGCAGCCAGGCCTCAGCGCCACATGGCCCCG
GCCACCAGCACAGCGGCCCTGCACCAGTCGCTGACCCCGCTGCCACCCTGCAGTTCAGGACGTCA
CAGGTCCTCCTCCTACCTCAGGCCCTGCACCAGCAATACCTCCTGCAGCAGCAGCTCCTGGAAGCCCA
GCACCGCAGGCTGGTCTCGCACCCAGGCGGAGTCAGGAGCGTGTATCTGTCCACCCACCAGCCTCCAT
CCCAGCTTCGACTTCGGCCAACCTGCAGACACCTCAGCCAGGTATTTGGCTGAGGGCACTGACTGGGATC
TCAGTGTGGATGCTGGCTTGAGTCTGCTCAGTTCAGGTGCGGCCCATCCCTCAGCACTATCAGCATT
CCTAGCCACTCCTCGAATGCACCACTTTCCAGAACTCCTCCTCCACACAGATGGTCGTCCATGAAATC
CGAAACTACCTTACCCTCAGCTTCACTTCTTGTCTCCAGGGACTAAATCCCAGCAGACACACCTCCG
CCGTACGGGAGAGCTATGAGGAGCTGCTGCAGCTCGAGGACAGGTTGGTAATGTGACTCGGGGAGCTGT
ACAGAACCATTGAGAGGTTACCTTCCCCACAAGTATAAGAAGCGAAGACCCAGGATGGCAAGGGC
AAGAAGGATGAGGGGAGGAGTCAGACACAGATGAGAAATGCACAATTTGTCTGTCTATGCTGGAAGATG
GAGAAGATGTGAGACGCCTACCTGTATGCATCTTTTACCAACTGTGCGTGGACCAGTGGCTCGCCAT
GAGCAAGAAATGCCCCATCTGCCGAGTGGACATTGAGACACAACCTGGGAGCCGACAGCTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_152470 unedited GCAGAATTTGTAACACGATTTACTATAGGCGGCCGCGAATTCGGCACGAGGGGAGCTTTT GTAGTGAAGTTAGGGTTTGGCGAATTTGGGTCCCTTCTCCCCAGCCCCATTTTTTATTT TTTGCGGCGGACGTGGTTCACCAATCACAGCCCTTCCCCTAATACCTAGCCCTGTAT GATCGAAAGGAGAAAGATACATGACCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT GTGTGTGAGAGAGAGAGAGAGCGCGCGAGAGCATGCTTGGTTTTCTGTGGTTTGCT TTTTTTGAGGTATATGTGTGTTTTGTGTTATGTGTGTTTTGTATTTCATTTTTTGTTCATT AGTACCGATGGCTGGCTAGCTGGGACCTGGGTCTCTGCCCTATCCCATGCCCCAGCCCC ACCCTCTCGTGGGCACTTGCACGATTTTCCATCCCATCCTTTTTTTCGTCTTTAACCTTT TTGTGCATCGCCCTGTGCTATTGCCCTGCTACCCCGCCCCCGCAACTGTCTTTGTAT GACAGTTGCATACACGGGTTCAAGATGCTTNGCGCGTGTGTGTGTGTGTGTGTGTGTCT GTATGTGTGTGCATGTGTGCCAGTGTGCGCGCGCCCTCGAGAGCAGACCTGCGCTG CTGTGCCCTCCCTTGGTCCCGCTTGAGCGGGGCGTCCGGCCCTTGGTTGTGTGCTGTGTG TGAGGATTAAGTGGAAACTGCCCCACCCAGCCTTTTGCCCGGCAGAGGTTGCACAA ACAGCGGGCCCGCGCCGCTTTGTTTTAACTGTGAATAATGGGGTGTGTTTGAACAGGG CCTTTTCCACATCCCTTTCCCTACATTTTGTACAAAAAAGCTGGATTTTCCCTTTTTTC TCCCACTACCTCCATTTTTTTATTTTTCTTTAAAAAAAATTCCCACTCCCAGCAAAACAG ATG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_152470
<b>Insert Size:</b>	3500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_152470.1</a></u> , <u><a href="#">NP_689683.1</a></u>
<b>RefSeq Size:</b>	5276 bp
<b>RefSeq ORF:</b>	483 bp
<b>Locus ID:</b>	494470
<b>UniProt ID:</b>	<u><a href="#">Q6ZSG1</a></u>
<b>Cytogenetics:</b>	18q21.1

**Gene Summary:**

Encoded in regions involved in pericentric inversions in patients with bipolar affective disorder. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).