

## Product datasheet for **SC317347**

### RSPO2 (NM\_178565) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RSPO2 (NM_178565) Human Untagged Clone
Tag:	Tag Free
Symbol:	RSPO2
Synonyms:	CRISTIN2; HHRRD; TETAMS2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_178565 edited ATGCAGTTTCGCCTTTTCTCCTTTGCCCTCATCATTCTGAACTGCATGGATTACAGCCAC TGCCAAGGCAACCGATGGAGACGCAGTAAGCGAGCTAGTTATGTATCAAATCCCATTTC AAGGGTTGTTTGTCTTGTCAAAGGACAATGGGTGTAGCCGATGTCAACAGAAAGTTGTTC TTCTTCTTTCGAAGAGAAGGGATGCGCCAGTATGGAGAGTGCCTGCATTCTGCCATCC GGTACTATGGACACCGAGCCCCAGATATGAACAGATGTGCAAGATGCAGAATAGAAAAC TGTGATTCTTGCTTTAGCAAAGACTTTTGTACCAAGTGCAAAGTAGGCTTTTATTTGCAT AGAGGCCGTTGCTTTGATGAATGTCCAGATGGTTTTGCACCATTAGAAGAAACCATGGAA TGTGTGGAAGGATGTGAAGTTGGTCATTGGAGCGAATGGGGAAGTGTAGCAGAAATAAT CGCACATGTGGATTTAAATGGGGTCTGGAAACCAGAACACGGCAAATTGTTTTAAAGCCA GTGAAAGACACAATACCGTGTCCAACCATTTGCTGAATCCAGGAGATGCAAGATGACAATG AGGCATTTGCCAGGAGGGAAGAGAACACCAAAGGCGAAGGAGAAGAGGAACAAGAAAAAG AAAAGGAAGCTGATAGAAAGGGCCAGGAGCAACACAGCGTCTTCTAGCTACAGACAGA GCTAACCAATAA
Restriction Sites:	Please inquire
ACCN:	NM_178565
Insert Size:	700 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_178565.3.



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<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>	<a href="#">NM_178565.3</a> , <a href="#">NP_848660.2</a>
<b>RefSeq Size:</b>	2842 bp
<b>RefSeq ORF:</b>	732 bp
<b>Locus ID:</b>	340419
<b>UniProt ID:</b>	<a href="#">Q6UXX9</a>
<b>Cytogenetics:</b>	8q23.1
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	<p>This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>