

## Product datasheet for **SC106127**

### Thrombin Receptor (F2R) (BC016059) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Thrombin Receptor (F2R) (BC016059) Human Untagged Clone
Tag:	Tag Free
Symbol:	Thrombin Receptor
Synonyms:	CF2R; HTR; PAR-1; PAR1; TR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC016059, the custom clone sequence may differ by one or more nucleotides

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CTGCCGGAAGACCGGCTCCCCGACCCGAGAAAGTCAGGAGAGAGGGTGAAGCGGAGCAGCCCGAGGCGG  
GGCAGCCTCCCGGAGCAGCGCCGCGCAGAGCCCGGACAATGGGGCCGCGCGGCTGCTGCTGGTGGCCG  
CCTGCTTCAGTCTGTGCGGCCGCTGTTGTCTGCCCGCACCCGGGCCGAGGCCAGTCACGTTTAGGTG  
GGGCGTGCCACCCCTTCGCGGGCCAGCCGATGCCCTTTGGACTCGATCTTGGAGGTGCAGCCCGCC  
TGCCACGGGTGTTGGATATGGAGGAGGATGGAGCGGAAGCCCCCTGGGGGAGCCTGCAGTCTGCGTTG  
CACTTGCATTGTGTTTCTCCAGGACCACCCCAAAAAGAAAAGCTCTCACGTTGCTCCACCAATAAAC  
GTTTCGATCTTTAAAATATAAAAAAAAAAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC016059 unedited GGTTCCGGATTTTGAATACGACTTCACTATAGGGCGGCCGCGATTCCGGCAGGAGGCTTGG ACCCTGATCTTACCCGTGGGCACCCTGCGCTCTGCCTGCCGGAAGACCGGCTCCCCGAC CCGAGAAAGTCAGGAGAGAGGGTGAAGCGGAGCAGCCCAGGCGGGGCAGCCTCCCCGGAG CAGCGCCGCGCAGAGCCCGGACAATGGGGCCGCGCGGCTGCTGCTGGTGGCCGCTGC TTCAGTCTGTGCGGCCCGCTGTTGTCTGCCCGCACCCGGGCCCGCAGGCCAGAATCAAAA GCAACAAATGCCACCTTAGATCCCGGTCAATTTCTTCTCAGGAACCCCAATGATAAATAT GAACCATTTTGGGAGGATGAGGAGAAAAATGAAAGTGGGTTAACTGAATACAGATTAGTC TCCATCAATAAAAAGCAGTCTCTTCAAAAACAACCTCCTGCATTATCTCAGAAGATGCC TCCGGATATTTGACCAGCTCCTGGCTGACACTCTTTGTCCCATCTGTGTACACCGGAGTG TTTGTAGTCAGCCTCCCACTAACATCATGGCCATCGTTGTGTTTCATCCTGAAAAATGAAG GTCAAGAAGCCGGCGGTGGTGTACATGCTGCACCTGGCCACGGCAGATGTGCTGTTTGTG TCTGTGCTCCCTTTAAGATCAGCTATTACTTTTCCGGCAGTGATTGGCAGTTGGGTCT GAATTGTGTCGTTTCGCTACTGCAGCATTTTACTGGTACATGTACGCCTATCTTGCTC ATGACAGTCATAAGCATTGACCGNNTTCTGGCTGTGGTGTATCCCATGCAGTCCCTCTCC TGGCGTACTCTGGGAAGGGGCTNCNTCACTNGTCTGGCCATCTGGGCTTTGCCATCGCAG GGGTAGTGCCCTCTGCTCTCAGGAGCAACCATNNCAGTGCCGGNCTCACAT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC016059
<b>Insert Size:</b>	3800 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>	<a href="#">BC016059.1</a>
<b>RefSeq Size:</b>	496 bp
<b>RefSeq ORF:</b>	496 bp
<b>Locus ID:</b>	2149
<b>Cytogenetics:</b>	5q13.3
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Calcium signaling pathway, Complement and coagulation cascades, Endocytosis, Neuroactive ligand-receptor interaction, Regulation of actin cytoskeleton

**Gene Summary:**

Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family member. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]