

## Product datasheet for **SC123581**

### FCER1G (BC020763) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCER1G (BC020763) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCER1G
Synonyms:	Fc fragment of IgE, high affinity I, receptor for; Fc fragment of IgE, high affinity I, receptor for, gamma polypeptide; FCRG; gamma polypeptide; immunoglobulin E receptor, high affinity, gamma chain; OTTHUMP00000032239; OTTHUMP00000063478
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC020763 edited ACAGCTGCACAGTGCTGTCAGAACGGCCGATCTCCAGCCCAAGATGATTCCAGCAGTGGT CTTGCTCTTACTCCTTTTGGTTGAACAAGCAGCGGCCCTGGGAGAGCCTCAGCTCTGCTA TATCCTGGATGCCATCCTGTTTCTGTATGGAATTGTCCTCACCTCCTCTACTGTCGACT GAAGATCCAAGTGCAGAAAGGCAGCTATAACCAGCTATGAGAAATCAGATGGTGTACAC GATGGAGTCTCCCTCTATCACCAGGCTGGAGTGCAGTGGCATGATCTGGGCTCACTGCAA CCTCTGCCTCCCGGGTTCAAGAGATTCTCGTGCTTCAGCCTCCCGAGTAGCTAAGACTAC AGGCACCACCATGCCAGCTAATTTTTTTTGTATTTTAGTAGAGACAGGTTTCACTAT GTTGGTCTTGATCTCTTGACCTCGTGATCTGCTCGCCTCAGCCTCCTAAAAGTGCTGGGAT TACAGGTGTGAGCCACCGAGCCTGACCTGGAAGTAACTCTTTAAAGATAAAGTGGGAAT AACTTTTATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for BC020763 unedited</p> <pre> TTANCATTTGTNATACGACTCACTCATAGGGCGGCCGCGATTTCGGCCATTACGGCCGGGG ACAGCTGCACAGTGTCTCAGAACGGCCGATCTCCAGCCCAATATGATTCCAGCAGTGGT CTTGCTCTTACTCCTTTTGGTTGAACAAGCAGCGGCCCTGGGAGAGCCTCAGCTCTGCTA TATCCTGGATGCCATCCTGTTTCTGTATGGAATTGCTCACCCTCCTCTACTGTCGACT GAAGATCCAAGTGCAGAAAGGCAGCTATAACCAGCTATGAGAAATCAGATGGTGTTTACAC GATGGAGTCTCCCTCTATCACCAGGCTGGAGTGCAGTGGCATGATCTGGGCTCACTGCAA CCTCTGCCTCCCGGTTCAAGAGATTCTCGTGCTTCAGCCTCCCGAGTAGCTAAGACTAC AGGCACCACCATGCCAGCTAATTTTTTTTGTATTTTTAGTAGAGACAGGTTTCTACTAT GTTGGTCTTGATCTCTTGACCTCGTGATCTGCTCGCCTCAGCCTCCTAAAGTGCTGGGAT TACAGGTGTGAGCCACCGAGCCTGACCTGGAAGTAAACTCTGTAAGATAAAGTGGGAAT AAACGTTTATCAAANANAAAANNNNNAAAAAAAAAAAAACATGTCGGCCCGCCTCGGC CCTCGACTCTAGATTGCGGCCGCGGGTCATAGCTGTTTCCCTGACAGATCCCGGTGGCA TCCCTGTGACCCTCCCAGTGCCCTTCTGGCCTGGGAAGTTGCCACTCCCAGTGCC ACCCAACCTTGGNCCTAATAAAATTAAGTGCATCCATTTGGGCTGACTAAGGGGCTTT CTTTAAATATATGGGGGGAGGGGGTTGGATGGAACAAGGGGCAATTTGGGAAACAACC CGTAGGGCCTGGGGGGCTATTGGGAACAAGCGGGTGCGG </pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC020763
<b>Insert Size:</b>	581 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="#">BC020763.1</a> , <a href="#">AAH20763.1</a>
<b>RefSeq Size:</b>	581 bp
<b>RefSeq ORF:</b>	339 bp
<b>Locus ID:</b>	2207
<b>Cytogenetics:</b>	1q23.3
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Asthma, Fc epsilon RI signaling pathway, Natural killer cell mediated cytotoxicity

**Gene Summary:**

The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors. [provided by RefSeq, Jul 2008]