

Product datasheet for **SC117594**

FCER1G (NM_004106) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCER1G (NM_004106) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCER1G
Synonyms:	FCRG
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_004106 edited ATGATTCAGCAGTGGTCTTGCTCTTACTCCTTTTGGTTGAACAAGCAGCGGCCCTGGGA GAGCCTCAGCTCTGCTATATCCTGGATGCCATCCTGTTTCTGTATGGAATTGCCTCACC CTCCTCTACTGTCGACTGAAGATCCAAGTGCGAAAGGCAGCTATAACCAGCTATGAGAAA TCAGATGGTGTTTACACGGGCTGAGCACCAGGAACCAGGAGACTTACGAGACTCTGAAG CATGAGAAACCACCACAGTAG
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004106 unedited NNGGGTCANAATAGNATACGACTCATATAGCGGCCGCGAAATTCGGCACGAGGCCCAAA ATGATTCAGCAGTGGTCTTGCTCTTCTCCTTTTGGTTGAACAAGCAGCGGCCCTGGGA GAGCCTCAGCTCTGCTATATCCTGGATGCCATCCTGTTTCTGTATGGAATTGCCTCACC CTCCTCTACTGTCGACTGAAGATCCAAGTGCGAAAGGCAGCTATAACCAGCTATGAGAAA TCAGATGGTGTTTACACGGGCTGAGCACCAGGAACCAGGAGACTTACGAGACTCTGAAG CATGAGAAACCACCACAGTAGCTTTAGAATAGATGCGGTCATATCTTCTTTGGCTTCTG GTTCTTCCAGCCCTCATGGTTGGCATCACATATGCCTGCATGCCATTAACACCAGCTGGC CCTACCCCTATAATGATCCTGTGCTCCTAAATTAATATACACCAGTGGTTCCTCCTCCTG TTAAAGACTAATGCTCAGATGCTGTTTACGGATATTTATATTCTAGTCTCACTCTCTTGT CCCACCCTTCTTCTTCCCCATTCCCACTCCAGCTAAAATATGGGAAGGGAGAACCCC CAATAAACTGCCATGGACTGGAAAAAANAANAAAAAANAAAAAANAAAAAANAAAAA AAAAAANAAAAAACCTCGACTCTAAATTCGCGCCGCGGTTCATAGCTGTTTCTGAAACAG ATCCCGGTGGCATCCCTGTGACCCCTCCCAAGTGCCCTCTCCTGGCCCTGGAAGTTGCCA CTCCAGTGCCCCCANGCCTTGCCCTAATAAATAAGTTGCATCATCTGGCCTGACTAGG TGCCCTTCTATAATATATGGGTGGAGGGGGGGTATGTAACAAGGGAAC



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004106 unedited CAGCTTTTCATTGGGGGTGTGTCTTCCCTTTCCCATATTTTAGNCTGGNNAGTTGGGAA TGGCGGAAGAGAAGAAGGGTGGGACAAGAGAGTGAGACTAGAATATAAATATCCGTAAAC AGCATCTGAGCATTAGTCTTTAACAGGGAGGAGGAACCACTGGTGTATATTAATTTAGGA CACAGGATCATTATAGGGGTAGGGCCAGCTGGTGTAAATGGCATGCAGGCATATGTGATG CCAACCATGAGGGCTGGAAGAACCAGAAGCCAAATAATAATATGACCGCATCTATTCTAA AGCTACTGTGGTGGTTTCTCATGCTTTCACACCCTCGCAAGTCTTCTGTTTTCTGGTGCTC ATGCCCGTGAAACACCATTGATTTTTATAGATGGTTATACCTGCCTTTCGCACCTGG ATCTTCGTTCCCAGCCCACGCGGAGTACATTCTTCCATTTACCGGACCGCCTTCAGT CCTCCCTCATCTTTAGCTCTCCCACCCACCTTCTTTTTCCCACTGATTTTTTCTCTTC CCCCTGTCTTATTCTCCTCCTTACGCTTTTCTATTCTTCTCATCCCATTATC CGTTGACTCTTCTTCCATTTTATTCCGTATCCCCCTCGTTCCTTGCTTCTCCGCC CTCCCCTTTGTCTTCTCCTCTCTTGTCCCCGCGCCCTTTGTCTTTATTCT CCTCTCTTTCCCTTTCTTCACTTTTTCTTTCTTCTCACCCGCTACTCCCTCTCCTT TTCTTCTCCCTTCCACTATCTCTCTTCTCCTCCCCCTCCCTGTTTGATCACTCCCTTC CTATTTATATTGCGCGTCTGCCCGTGCATTACATCACTGTTGCGCCCTCCCTTC ACATTGTCTTTCAATCTTCCCGTCTCATTATTCCTTATCCGCCTCTTTTCTCAA CTTCTACCGGCTCTCCGTTTCTCTCATTCTCTCCCTTCTCCGTCCTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_004106
Insert Size:	650 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:	<ol style="list-style-type: none"> 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:	NM_004106.1 , NP_004097.1
RefSeq Size:	591 bp
RefSeq ORF:	261 bp
Locus ID:	2207
UniProt ID:	P30273
Cytogenetics:	1q23.3
Domains:	ITAM

Protein Families:	Transmembrane
Protein Pathways:	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]