

## Product datasheet for SC126154

### IGHG1 (BC019337) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IGHG1 (BC019337) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGHG1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC019337 edited

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CTTCTCTACAGAAGCCTCTGAGAGGAAAGTTCTTACCATGGACTGGACCTGGAGGGTCT
TCTGCTTGTGGCTGTAGCTCCAGGTGCTCACTCCCAGGTGCAGCTGGTGCAGTCTGGGG
CTGAAGTGAAGAAGCCTGGGGCCTCAGTGAAGTTTCTGCAAGGCATCTGGATACACCT
TCACCAACTACTATATGCACTGGGTGCGACAGGCCCTGGACAAGGGCTTGAGTGGATGG
GAATAATCAACCCCTAGTGGTGGTAGCACAGACTACGCACAGAACTCCAGGGCAGAGTCA
CCATGACCAGGGACACGTCCACGAGCACAGTCTACATGGAGCTGACCAGCCTGAGATCTG
AGGACACGGCCGTATATTACTGTGCGAGAATTGGCGTGCATGACTACTGGGGCCAGGGAA
CCCAGGTACCCGTCTCCTCAGCCTCCACCAAGGGCCCATCGGTCTTCCCCTGGCACCTT
CCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCC
CCGAACCGGTGACGGTGTGCTGGAAGTCAAGCGCCCTGACCAGCGCGTGCACACCTTCC
CGGCTGTCTTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCA
GCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAACACCAAGG
TGGACAAGAAAGTTGAGCCAAATCTTGTGACAAAACCTCACACATGCCACCGTGCCAG
CACCTGAACTCCTGGGGGACCGTCAGTCTTCTTCCCCCAAACCAAGGACACCC
TCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAAGACC
CTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACAAAGC
CGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAAGCTCCTCACCGTCTGCACC
AGGACTGGCTGAATGGCAAGGAGTACAAGTGAAGGTCTCCAACAAAGCCCTCCCAGCCC
CCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCC
TGCCCCATCCCAGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAG
GCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAAC
ACAAGACCACGCCTCCCCTGCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCA
CCGTGGACAAGAGCAGGTGGCAGCAGGGAAAGCTTCTCATGCTCCGTGATGCATGAGG
CTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGTAAATGAGTGCGAC
GGCCGGCAAGCCCCCGCTCCCCGGGCTCTCGCGGTGCGACGAGGATGCTTGGCACGTACC
CGGTGTACATACTTCCCAGGCGCCAGCATGGAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGGG

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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC019337 unedited NCGGTTCAGATTTGTATACGACTCATATAGGCGGCCGCGTAATTCGCACGAGGCTTCTCT ACAGAACCTCTGAGAGAAATTCTTCACCATGGACTGGACCTGGAGGGTCTTCTGCTTGT GGCTGTAGCTCCAGGTGCTCACTCCCAGGTGCAGCTGGTGCAGTCTGGGGCTGAAGTGAA GAAGCCTGGGGCCTCAGTGAAGGTTTCTGCAAGGCATCTGGATACACCTTCACCAACTA CTATATGCACTGGGTGCGACAGGCCCTGGACAAGGGCTTGAGTGGATGGGAATAATCAA CCCTAGTGGTGGTAGCACAGACTACGCACAGAAGTTCAGGGCAGAGTCACCATGACCCAG GGACACGTCCACGAGCACAGTCTACATGGAGCTGACCAGCCTGAGATCTGAGGACACGGC CGTATATTACTGTGCGAGAATTGGCGTGCATGACTACTGGGGCCAGGGAACCCAGGTGAC CGTCTCCTCAGCCTCCACCAAGGGCCCATCGGTCTTCCCCTGGCACCCCTCTCCAAGAG CACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTCCCCGAACCGGT GACGGTGTGCGGAACTCAGGCGCCCTGACCAGCGCGTGCACACCTTCCCGGCTGTCT ACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCAGCAGTTGGG CACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAACACCCAGGTGGACAAGAA AGTTGAGCCCAAATCTTGTGACAAAACCTCACACATGCCACCCTGCCAGCACCTGAACT CCTGGGGGGGACCCGTGAGTCTCTCTTCCCCCAAAACCCAGGGACACCTCATGATCTCC CGGACCCCTGAGGTACA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC019337
<b>Insert Size:</b>	1600 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="#">BC019337.1</a>
<b>RefSeq Size:</b>	1608 bp
<b>Locus ID:</b>	3500
<b>Cytogenetics:</b>	14q32.33