

Product datasheet for **SC126168**

IGHV4-31 (BC053984) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGHV4-31 (BC053984) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGHV4-31
Synonyms:	IGHV431
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC053984 edited
 CCCCAGCCTTGGGATTCCCAAGTATTTGTATTTCAGTGATCAGGACTGAACACACAGGACT
 CACCATGGAGTTGGGGCTGAGCTGGGTTTTCTTGTGTTATATTAGAAGGTGTCCAGTG
 TGAGGTGCAGCTGGTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACT
 CTCCTGTGTAGCCTCTGGATTACCCTCAATAACTACGACATGCACTGGGTCCGCCAAGG
 AATAGGAAAAGGTCTGGAGTGGGTTTTCAAAGATTGGTACAGCTGGTGACAGATACTATGC
 AGGCTCCGTGAAGGGCAGATTACCATCTCCAGAGAAAATGCCAAGGACTCCCTGTATCT
 TCAAATGAACAGCCTGAGAGTCGGGGACCGGCTGTCTATTACTGTGCGAGAGGCGCAGG
 GCGCTGGGCCCCCTTGAGCTTTTGATATCTGGGGCCAAGGGACAATGGTCACCGTCTC
 TTCAGCCTCCACCAAGGGCCATCGGTCTTCCCCTGGCACCTCCTCCAAGAGCACCTC
 TGGGGGCACAGCAGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCAGAACCGGTGACGGT
 GTCGTGGAACCTCAGGCGCCCTGACCAGCGGCGTGACACCTTCCCGGCTGTCTACAGTC
 CTCAGGACTCTACTCCCTCAGCAGCGTGGTACCGTGCCCTCCAGCAGCTTGGGCACCCA
 GACCTACATCTGCAACGTGAATCACAAGCCAGCAACACCAAGGTGGACAAGAAAGTTGA
 GCCCAAATCTTGTGACAAAACCTCACACATGCCACCGTGCCAGCACCTGAACTCCTGGG
 GGGACCGTCAGTCTTCTTCCCCCAAAACCAAGGACACCCCTCATGATCTCCCGGAC
 CCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAAGACCCCTGAGGTCAAGTTCAA
 CTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACAAGCCGCGGGAGGAGCAGTA
 CAACAGCACGTACCGTGTGGTACAGCTCCTCACCGTCTGCACCAGGACTGGTGAATGG
 CAAGGAGTACAAGTGAAGGTCTCCAACAAGCCCTCCCAGCCCCATCGAGAAAACCAT
 CTCAAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCTGCCCCATCCCAGGGA
 TGAGCTGACCAAGAACCAGGTACGCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGA
 CATCGCGTGGAGTGGGAGAGCAATGGGAGCCGAGGAGCAACTACAAGACCACGCTCC
 CGTGCTGGACTCCGACGGCTCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAG
 GTGGCAGCAGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTA
 CACACAGAAGAGCCTCTCCCTGTCTCCGGTAAATGAGTGCCACGGCCGCAAGCCCCCG
 CTCCCCAGGCTCTCGGGTGCAGGAGGATGCTTGGCACGTACCCCGTGTACATACTTCC
 CAGGCACCCAGCATGAAATAAAGCACCCAGCGCTTCCCTGGGCCCTGCAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC053984 unedited
 GTCATAATTTGTATACGACTCACTATAGCGGCCGCGTAATTCGGCACGAGGCCCCAGTC
 CTTGGGTATCCCAAGTATTTGTATTTCAGTGATCAGGACTGAACACACAGGACTACCAT
 GGAGTTGGGGCTGAGCTGGGTTTTCTTGTGTTATATTAGAAGGTGTCCAGTGTGAGGT
 GCAGCTGGTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTG
 TGTAGCCTCTGGATTACCCTCAATAACTACGACATGCACTGGGTCCGCCAAGGAATAGG
 AAAAGGTCTGGAGTGGGTTTTCAAAGATTGGTACAGCTGGTGACAGATACTATGCAGGCTC
 CGTGAAGGGCAGATTACCATCTCCAGAGAAAATGCCAAGGACTCCCTGTATCTTCAAAT
 GAACAGCCTGAGAGTCCGGGACGCGGCTGTCTATTACTGTGCGAGAGGCGCAGGGCGCTG
 GGCCCCCTTGGAGCTTTTGATATCTGGGGCCAAGGGACAATGGTCACCGTCTCTTCAGC
 CTCACCAAGGGCCATCGGTCTTCCCCTGGCACCTCCTCCAAGAGCACCTCTGGGGG
 CACAGCAGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCAGAACCGGTGACGGTGTCTG
 GAACTCAGGCGCCCTGACCAGCGGCGTGACACCTTCCCGGCTGTCTACAGTCTCAGG
 ACTCTACTCCCTCAACAGCGTGGTACCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTC
 ATCTGCCACGTGAAATACAAGCCAGCAACACCAGGTGGACAAGAAAGTTGAGCCCAAAT
 CTTGGGACAAAATAACTGCCCACCGGTGCCACCACTGAACTCCTGGGGGACCGTC
 GTTCTTCTTTTCCCCAAACCAAGGACCCCTCTGAATTTCCGGACC

Restriction Sites: NotI-NotI
ACCN: BC053984

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:	BC053984.1
RefSeq Size:	1655 bp
Locus ID:	440361
Cytogenetics:	16p11.2