

Product datasheet for **SC122311**

FAM53B (BC031654) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM53B (BC031654) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM53B
Synonyms:	bA12J10.2; KIAA0140; smp
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for BC031654 edited ATGGTGATGGTCCTAAGTGAAAGCCTCAGCACCCGGGGAGCTGACTCCATTGCATGTGGG ACCTTCAGCCGTGAAGTGCACACGCCAAAGAAGATGAGTCAAGGACCTACACTTTTCTCT TGTGGAATTATGAAAAATGACAGATGGCGAGACCTGGACAGGAAATGCCCTCTTCAGATT GACCAACCGAGCACCAGCATCTGGGAATGCCTGCCTGAAAAGGACAGCTCACTATGGCAC CGGGAGGCAGTGACCGCTGCGCTGTGACCAGTCTGATCAAAGACCTCAGCATCAGCGAC CACAACGGGAACCCCTCAGCACCCCTAGCAAGCGCCAGTGCCGCTCACTGTCCTTCTCC GATGAGATGTCCAGTTGCCGGACATCATGGAGGCCCTTGGGCTCCAAAGTCTGGACTCCC GTGGAAAAGAGACGCTGTACAGCGGGGCAGCGTCCAGCGCTATTCCAACGGCTTCAGC ACCATGCAGAGGAGTTCCAGCTTCAGCCTCCCTTCCCGGGCCAACGTGCTCTCCTCACCC TGCAGCCAGGCAGGACTCCACCACCGATTGGAGGGCAGCCCTGCCAAGGGGTGCCAGGC TCAGCCCCGTGTGGACAGGCAGGTGACACCTGGAGCCCTGACCTGCACCCCGTGGGAGGA GGCCGGCTGGACCTGCAGCGGTCCCTCTCTTGCTCACATGAGCAGTTTTCTTTGTGGAA TACTGTCTCCCTCAGCCAACAGCACACCTGCCTCAACACCAGAGCTGGCGAGACGCTCC AGCGGCCTTTCCCGCAGCCGCTCCAGCCGTGTGTCTTAACGACAAGAAGGTCCGGTGT AAAAGGCGGCGCCCTGAAGAAGTGCAAGAGCAGAGGCCTTCTCTAGACCTTGCCAAGATG GCACAGATAGCCCCATGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC031654 unedited NGGACGTTGNCATTTGTAATACGACTCCTATAGGCGGCCGCGNATTCCTCCGGGCTCACGC AGCCGCGGTCTGGCGGCTCCGCGCGCGCGGGTGC GGCGCGCTGGCCGGTGCCGGTT AAAGGGACGAGTTGCAAACACTTCAGGAAGTGACAAGTCGATTTCTCTCTCCCGGGAGT CGCTCGTACAAAGCGCTCGGCGCCGGCAGGCGAGCGTGCGCGCGGGACGCGCGGGG CACCCCGGACGACTTGGCGAGCGCTGGCGGTGACGGCGCGGGTCCGCGCCGGAGCGCC CCGCCGCGCACAGGAGTTGACCACATTTGGCCATTTCCCAAGGGCCCCACCCCAAGGG TGAGTGGCCAATGGGGAGCTGTTTCTGCTGACATCAATTCACCAGGAGGTAATCACCCCA AGTCTGCCAAGTGAAGATGGCTGATACCCACCCTGGGATGGAGCCCAGCGCCTGAGGCC CTTATCATGGTATGGTCTAAGTGAAAGCCTCAGCACCCGGGGAGCTGACTCCATTGCA TGTGGGACCTTCAGCCGTGAAGTGCACACGCCAAAGAAGATGAGTCAAGGACCTACACTT TTCTCTTGGAATTATGGAAAATGACAGATGGCGAGACCTGGACAGGAAATGCCCTCTT CAGATTGACCAACCGAGCACCAGCATCTGGGAATGCCTGCCTGAAAAGGACAGCTACTA TGGCACCCGGGAGGAGTACCGCCTGCGCTGTGACCAGTCTGATCAAAGACCTCAGCATC AGCGACCACCGGNAACCCCTCAGCACCCCTAGCAAGCGCCAGTGCCGCTCACTGTC CTCTNCGATGAGATGTCCAGTTGCCCGACATCATGGAGCCCTGGGCNTCAAAGTCTG GACTCC
Restriction Sites:	Please inquire
ACCN:	BC031654
Insert Size:	1599 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:	BC031654.1 , AAH31654.1
RefSeq Size:	1599 bp
Locus ID:	9679
Cytogenetics:	10q26.13
Protein Families:	Druggable Genome
Gene Summary:	Acts as a regulator of Wnt signaling pathway by regulating beta-catenin (CTNNB1) nuclear localization.[UniProtKB/Swiss-Prot Function]