

Product datasheet for SC313138

RFFL (NM_057178) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RFFL (NM_057178) Human Untagged Clone
Tag:	Tag Free
Symbol:	RFFL
Synonyms:	CARP2; fring; FYVE-RING finger protein SAKURA; RIFIFYLIN; ring finger and FYVE-like domain containing 1; RNF34L; RNF189
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_057178 edited <pre> ATGTGGGCAACCTGCTGCAACTGGTTCTGCCTGGATGGACAGCCTGAGGAGGTCCCACCA CCCCAGGGAGCCAGGATGCAGGCCTATTCCAACCTGGGTACAGCTCCTTCCCTTCCCCA ACAGGCTTGGAACCAAGCTGCAAGTCCTGTGGGGCTCACTTTGCAAACACGGCCAGGAAG CAGACCTGCTTGGACTGTAAGAAAAATTTTGCATGACCTGTTTCGAGCCAAGTAGGGAAT GGGCCCCGCCTCTGCCTTCTCTGCCAACGGTTTCGAGCTACAGCCTTTTCAGCGAGAGGAG CTCATGAAGATGAAGGTGAAGGACTTGAGGGACTATCTCAGCCTCCATGACATCTCTACC GAAATGTGCCGGGAGAAAGAAGAGCTGGTGCTCTTGGTCCTTGGCCAGCAGCCTGTAATC TCCCAGGAGGACAGGACTCGTGCCTCCACCTTGTCCTCAGACTTTCTGAGCAGCAGGCC TTCCTGACCCAGCCTCACTCCAGCATGGTTCCACCTACCTACCCAACCTCCCCTCTTCA TCTGCACAAGCCACCTCTGTTCCCCCAGCCAGGTTCCAGGAGAATCAGCAGGCCAATGGC CATGTGTCTCAGGATCAAGAGGAACCCGTCTACCTGGAGAGCGTGGCCAGAGTACCTGCT GAGGATGAGACCCAGTCTATTGACTCAGAGGACAGCTTTGTCCCAGGCCGAAGGGCCTCT CTGTCTGACCTGACTGACCTGGAGGACATTGAAGGCCTGACAGTGCGGCAGCTGAAAGAG ATCTTGGCTCGCAACTTTGTCAACTACAAGGGCTGCTGTGAGAAGTGGGAGCTGATGGAG AGAGTGACCCGGCTATACAAGGATCAGAAAGGACTCCAGCACCTGGTCAGTGGTGCCGAA GACCAAAACGGGGGAGCAGTACCATCAGGCTTGGAGGAGAACCTGTGTAAGATCTGCATG GACTCACCCATTGACTGTGTTCTTCTGGAGTGTGGCCACATGGTAACCTGTACCAAGTGT GGCAAGCGCATGAATGAATGTCCCATCTGCCGGCAGTATGTAATCCGAGCTGTGCATGTC TTCCGGTCCTGA </pre>


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_057178 unedited <pre> TTCAAATTTTGTAAACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGGGAGGGCG GCCGCAGCAGATTTTATCATGTGGGCAACCTGCTGCAACTGGTTCTGCCTGGATGGACAG CCTGAGGAGGTCCCAACCCAGGGAGCCAGGATGCAGGCCTATTCCAACCTGGGTAC AGCTCCTTCCCTTCCCCAACAGGCTTGAACCAAGCTGCAAGTCTGTGGGGCTCACTTT GCAAACACGGCCAGGAAGCAGACCTGCTTGGACTGTAAGAAAAATTTTGCATGACCTGT TCGAGCCAAGTAGGGAATGGGCCCCGCTCTGCCTTCTTGCCAACGGTTTCGAGCTACA GCCTTTCAGCGAGAGGAGCTCATGAAGATGAAGGTGAAGGACTTGAGGGACTATCTCAGC CTCCATGACATCTCTACCGAAATGTGCCGGGAGAAAGAAGAGCTGGTGCTTGGTCCTT GGCCAGCAGCCTGTAATCTCCAGGAGGACAGGACTCGTGCTCCACCTGTCCCGAGAC TTTCTGAGCAGCAGGCCTTCTGACCCAGCCTCACTCCAGCATGGTTCCACCTACCTCA CCCAACCTCCCTCTTCTGACACAAGCCACCTCTGTTCCCCCAGCCAGGTTCCAGGAG AATCAGCAGGCCAATGGCCATGTGTCTCAAGATCAAGAGGAACCCGTCTACCTGGAGAGC GTGGCCAGAGTACCTGCTGAGGATGAGACCCAGTCTATTGACTNCAGAGACAGCTTTGTC CCCAGCCCGAAGGCCTCTCTGTCTGACCTGACTGACCTGNNAGACATTGAANGCCTGACA GTGCNGCAGCTGAAAGAGATCTGGCTCGCAACTTGTCACCTACAGGNCCTGTGTGAAAATG GGACTGATGGANAGATGACCCGCTTACAAGATCAGAAGACTNCGACCTGGTCATGGTGCG AGACAAAACGGGAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_057178
Insert Size:	5500 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_057178.3.
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:	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:	<u>NM_057178.3, NP_476519.1</u>
RefSeq Size:	4143 bp
RefSeq ORF:	1092 bp
Locus ID:	117584
Cytogenetics:	17q12

Protein Families: Druggable Genome

Gene Summary: E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Mediates 'Lys-48'-linked polyubiquitination of PRR5L and its subsequent proteasomal degradation thereby indirectly regulating cell migration through the mTORC2 complex. Ubiquitinates the caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate cell death downstream of death domain receptors in the extrinsic pathway of apoptosis. Negatively regulates the tumor necrosis factor-mediated signaling pathway through targeting of RIPK1 to ubiquitin-mediated proteasomal degradation. Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation. Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN. May also play a role in endocytic recycling.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 2. Both variants encode the same protein.