

Product datasheet for **SC115327**

FLRT3 (NM_013281) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLRT3 (NM_013281) Human Untagged Clone
Tag:	Tag Free
Symbol:	FLRT3
Synonyms:	HH21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_013281 edited
GAATTCGGCACGAGGGGGCTGTGTGCAGTAAACTGGAATGCTCTCCCTCGCTCACTCCTC
AGTGTAGGAGTGATCTGAAGCAGGACAAGCTCAGCCTGCAGCTGCCGTGGGCTTTGTGTG
GACTGGACGCAGAGCTTTGGGAGACGGGGGAGGGCTATTACTCCAATTCAGTGTCAATGGA
ATTACAGCTATAGCGGCAGTGTATATAGGATTGCTTTTTCTCGTCTTCTGGGTTCTGAA
GTAACGGAAAGCTACCTTGTATAAAGACCTCAACACTGCTGACCATGATCAGCGCAGCCTG
GAGCATCTTCTCATCGGGACTAAAATTGGGCTGTTCTTCAAGTAGCACCTCTATCAGT
TATGGCTAAATCCTGTCCATCTGTGTGCTGCGATGCCGGTTTCATTTACTGTAATGA
TCGCTTTCTGACATCCATTCCAACAGGAATACCGAGGATGCTACAACCTCTACCTTCA
GAACAACCAAATAAATAATGCTGGGATTCTTCAGATTTGAAAACTTGCTGAAAGTAGA
AAGAATATACCTATACCACAACAGTTTAGATGAATTTCTACCAACCTCCCAAAGTATGT
AAAAGAGTTACATTTGCAAGAAAATAACATAAGGACTATCACTTATGATTCACCTTCAA
AATTCCCTATCTGGAAGAATTACATTTAGATGACAACCTGTCTCTGCAGTTAGCATAGA
AGAGGGAGCATTCCGAGACAGCAACTATCTCCGACTGCTTTTCTGTCCCATAACCT
TAGCACAATTCCTGGGTTTGGCCAGGACTATAGAAGAACTACGCTTGGATGATAATCG
CATATCCACTATTTTCATACCATCTCTCAAGGTCTCACTAGTCTAAAACGCCTGGTTCT
AGATGGAACCTGTTGAACAATCATGGTTAGGTGACAAAGTTTTCTTCAACCTAGTTAA
TTTGACAGAGCTGTCCTGGTGCAGAAATCCCTGACTGCTGCACCAGTAAACCTTCCAGG
CACAAACCTGAGGAAGCTTTATCTTCAAGATAACCACATCAATCGGGTGCCCCAAATGC
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ACCTCAGGGTATCTTTGATGATTTGGACAATAACACAACCTGATTCTTCGCAACAATCC
CTGGTATTGCGGGTGCAAGATGAAATGGGTACGTGACTGGTTACAATCACTACCTGTGAA
GGTCAACTGCGTGGGCTCATGTGCCAAGCCCCAGAAAAGTTTCTGGGATGGCTATTA
GGATCTCAATGCAGAAGCTTTTGAATGTAAGGACAGTGGGATTGTAAAGCACCATTAGAT
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CAAACAGCCAGATATTAAGAACCCCAAGCTCACTAAGGATCACCAAAACCAGGGAGTCC
CTCAAGAAAAACAATTACAATTACTGTGAAGTCTGTCACTTCTGATACCATTCATATCTC
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CACAGCCCTGGAGCCTGATTCACCCTATAAAGTATGCATGGTTCCCATGGAACCAGCAA
CCTCTACCTATTTGATGAACTCCTGTTTGTATTGAGACTGAAACTGCACCCCTTCGAAT
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TTTAGTGTGTTGGTATGTTTCATAGGAATGGATCGCTCTTCTCAAGGAAGTGTGCATATAG
CAAAGGGAGGAGAAGAAAGGATGACTATGCAGAAGCTGGCACTAAGAAGGACAACCTAT
CCTGGAATCAGGGAACTTCTTTTCAGATGTTACCAATAAGCAATGAACCCATCTCGAA
GGAGGAGTTTGTAAACACACCATATTTCTCCTAATGGAATGAATCTGTACAAAAACAA
TCACAGTAAAAGCAGTAGTAACCGAAGCTACAGAGACAGTGGTATTCCAGACTCAGATCA
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AAGCAATGACTGTACATTTGCCATATAATTTATATTTAAGAAGTTTTTATTTAAAGTTT
CAAATTTAGGTTACTGCTGCGATTGATGTAGTGGAGATGCCTGAACACAATTCTATATT
TTAGTATTTTTAGTAATTTGACTGTATTTTCTTGCAAATATTGGAGTTATAAACCAT
TTACTTTGTGTTCTACTGAGTAAGATGACTTGTGACTGTGAAAGTGAATTTTCTTGCTG
TGTCGAACAATCAGGACTGCATTATATGAGATCCTTGTAGTATAAGCACAGGCCATTTT
TCACTTTGGTATTAATAAAAAAAAAAAAAAAAAAACTCGAC
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013281 unedited
 AATCGACTCATATAGGGCGGCCGACTTCGGCACGAGGGGGCTGTGTGCAGTAACTGG
 AATGCTCTCCCTCGCTCACTCCTCAGTGTAGGAGTGATCTGAAGCAGGACAAGCTCAGCC
 TGCAGTGCCTGGGGCTTTGTGTGGACTGGACGCAGAGCTTGGGAGACGGGGGAGGGGTA
 TTAACAATTCCTGTCAATGGAATTACAGCTATAGCGGCAGTGTATATAGGATTGCTT
 TTTCTCGTCTTCTGGGTTCTGAAGTAACGGAAGCTACCTTGATAAAGACCTCAACACT
 TGCTGACCATGATCAGCGCAGCCTGGAGCATCTTCCTCATCGGGACTAAAATTGGGCTGT
 TCCTTCAAGTAGCACCTCTATCAGTTATGGCTAAATCCTGTCCATCTGTGTGTCGCTGCG
 ATGCGGGTTTCATTTACTGTAATGATCGCTTTCTGACATCCATTCCAACAGGAATACCAG
 AGGATGTACAACCTCTACCTCAGAACAACCAATAAATAATGCTGGGATTCTTTCAG
 ATTTGAAAAAATTGCTGAAAGTAGAAAGAATATACCTATACCACAACAGTTTAGAATAAT
 TTCCTACCAACCTCCCAAAGTATGTAAGAATTACATTTGCAAAAAAATAAATAAGGAC
 TATCACTATGATTCACCTTCAAAAATCCCTATCTGGAAGAATTACATTTAGATGACAA
 CTCTGTCTCTGCAGTTAGCATAGAAGAAGGAGCATTNCGAGACAGCAACTATCTNCGACT
 GCTTTTNNCTGTCCGTAATCACCTTAACACAATCCCTGGGGNTTGGCCAGGATATAGAAG
 AACTAGCTTGGATGATATCGCTATNCACATTTNATCACCATCTCTAAGGTCTNACTATC
 TAACCGCTGNTCTAGATGNAACTGTTGACATCATGGTTAGNGGACAAGTNTCTACA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_013281 unedited
 GACCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATTAATACCAAAGTG
 AAAAATGGCCTGTGCTTATACTACAAGGATCTCATATGAATGCAGTCCTGATTGTTGAC
 ACAGCAAGAAAATTCACCTTTCACAGTCAACAAGTCATCTTACTCAGTAGAACACAAGTA
 AATGGTTTATAACTCCCATATTTTGAAGGAAAATCCAGTCCCAAATTACTTAAAAAATC
 TTAATTTTTAAAAATGTGGGTTTCAGGGCTTTTCCCCTATTTTAAATGGGACGGCGGAACC
 CCCGAAATTTTTAAAAATTTTTATAAAAAAAGGCTTTTCAAAAAAAAAAAAAAATGGG
 GCGGGGGGGGCGCCCCCCCCCACTTTTTTTTTTCTAAACAATTTCTTTTCCCCC
 CCGCGGGGGCGGAGAAAAAAGAAAGAGCCTCCCCCCCCCCCCCCCCCCCCCTCGTT
 TGGGGAGAAAAACAACAACCAACATAAAAGTGGGGGGGGGGCGTCTCTCCCCCACC
 TCTATCGGCCGGGGGATACTATATCCCAACCACCCCCCCCCCTCCCCCCCCCGCTC
 CCCCCCTCCTTGTTTTTTGGGTGTGGTTCTCTCTCACCTCCCCCTCCCCCTCTTCTT
 ATAAAGACGGGGCGTGCGCCCCCCCCCCCTCCTCCCTCTCCCTCTTTGCTTGCGGTC
 TCTTTATCTCTCTCAACTATTTTCAACTTCCCCTCTTCTTCCCCCGTGTGGCT
 CGCCCCGTTGGCTCGGACGCCTCTCCGCCACCTCCCCTCCCTACTCTCCCTCTCTTCC
 ACCTCGTCTTCTCCCCCTCCCCTTCTCGCACCTTGCGGCGGACGGGCGGGCGGCGGTG
 GAACTCATCTCCACCCGCACGCGCCAGCAACGGGG

Restriction Sites:

NotI-NotI

ACCN:

NM_013281

Insert Size:

2740 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_013281.2 , NP_037413.1
RefSeq Size:	3773 bp
RefSeq ORF:	1950 bp
Locus ID:	23767
UniProt ID:	Q9NZU0
Cytogenetics:	20p12.1
Domains:	LRRNT, LRRCT, LRR, LRR_TYP, FN3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a member of the fibronectin leucine rich transmembrane protein (FLRT) family. FLRTs may function in cell adhesion and/or receptor signalling. Their protein structures resemble small leucine-rich proteoglycans found in the extracellular matrix. This gene is expressed in many tissues. Two alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq, Jul 2010]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR, compared to variant 2. Variants 1 and 2 encode the same isoform.</p>