OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC115714

FSTL1 (NM_007085) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FSTL1 (NM_007085) Human Untagged Clone
Tag:	Tag Free
Symbol:	FSTL1
Synonyms:	FRP; FSL1; MIR198; OCC-1; OCC1; tsc36
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_007085 edited
ATCGGCGGAGCTCCCACCTCCGCTTACAGCTCGCTGCCGCCGTCCTGCCCCGCGCCCCCA
GGAGACCTGGACCAGACCACGATGTGGAAACGCTGGCTCGCGCTCGCGCTCGCGCTGGTG
GCGGTCGCCTGGGTCCGCGCCGAGGAAGAGCTAAGGAGCAAATCCAAGATCTGTGCCAAT
GTGTTTTGTGGAGCCGGCCGGGAATGTGCAGTCACAGAGAAAGGGGAACCCACCTGTCTC
TGCATTGAGCAATGCAAACCTCACAAGAGGCCTGTGTGTGGCAGTAATGGCAAGACCTAC
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TACGATGGACACTGCAAAGAGAAGAAATCCGTAAGTCCATCTGCCAGCCCAGTTGTTTGC
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TTCCATTGCCGTCAGCATGACAGACCTCCAGCATCCACGCATCTCTTGGTCCCAATAACT
GCCTCTAGATACATAGCCATCCTGCTAGTTAACCCAGTGTCCCTCAGACTTGGATGGAGT

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TTCTGGGAGGGTACACCCAAATGATGCAGATACTTGTATACTTTGAGCCCCTTAGCGACC
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TTGGCAAGTTGACTTTATTCTTCAATTATTATCATTATATTATTGTTTTTTAATATTTTA
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AATCTAAACAAGTTTCTGTTGCATATGTGTTTGTGAACTTGTATTTGTATTTAGTAGGCT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007085 unedited
NGTTCAAATATTTGTATACGACTCACTTATAGGGCGGCCGCGAATTCGCACGAGGATCGG
CGGAGCTCCCACCTCCGCTTACAGCTCGCTGCCGCCGTCCTGCCCCGCGCCCCCAGGAGA
CCTGGACCAGACCACGATGTGGAAACGCTGGCTCGCGCTCGCGCTCGCGCTGGTGGCGGT
CGCCTGGGTCCGCGCCGAGGAAGAGCTAAGGAGCAAATCCAAGATCTGTGCCAATGTGTT
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TGAGCAATGCAAACCTCACAAGAGGCCTGTGTGTGGCAGTAATGGCAAGACCTACCTCAA
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AGATGGCTGGTTCTCTAAAGGCAGCAACTACAGTGAAATCCTAGACAAGTATTTTAAGAA
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TGAAACTGCCATCAATATTACAACGTATCCAGACCAGGAGAACAACAAGTTGCTTAGGGG
ACTCTGTGTTGATGCTCTCATTGAACTGTCTGATGAAAATGCTGATTGGAAACTCAGCTT
CCAAGAGTTTCTCAAGTGCCTCAACCCATCTTTCAACCCTTCTGAGAAGAAGTGTGCCCT
GGGAGATGAAACGTATGCAGATGGAGCTGAGACCGAGGTGGNACTGTACCGCTGTGTCTG
TGCCTGTGGAAATGGNGTCTGTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007085 unedited
TCTTTTTTTCTCCAATAGNNTATCCGAAAGGGAANAATCAGNAGTTACAAAAACAAGTTA
AATGCAATATAGAAGCCTACTAAATACAAATACAAGTTCACAAACACATATGCAACAGAA
ACTTGTTTAGATTGTTTCTTGAAGTTTGACTATTTAAAAACATAGGTGTAAAGGAAAGAC
ATTCAGACTGGTCCACGTGGGCTTGTTAGCAGGCAGAGGAACCCTGCTTTCCAAAAACTG
ATATAGTCCAGAGTCACGGCATGTGGGAAGGTTTCCATGGACACTGGATCTTAACAGATG
CTATAGTGTTTACAAAACTACACACACAGAGAAAGCCCAAGGAAGCCTGCAGGCTAAGCC
CTATGCTTTTAGAGGGCTGAAGGAACCAAACCTAGTTTAATCCTGTTTGTTTGCTCCATG
CAAAACTTTATGGAAGACTCCCCAGACTAGGCTATTTAGCAGCTTCCATGAATGGTCCTC
AGATCATGTGATTCTACGGCATAGACGACAGCTGCCCTATTTACACAGAAGCTGCAGAAC
TCAAGAGGAATGTGGATTTGCTCTTGGGAGTTCAATGTTGCANGGTAGAGTAGTCTTGGA
TGATAACCATGTTCTAAATGACTAGTGAAGAGACACTGTGNGTTCTTGCTTNTAACANAT
TGGTGTACTCTTGCCCTCCTNCCATAGTGTCCAAGGGNCTGTAAAAACCTTGATTAAGGC
GTGCTGCTGTGAGTTCTTCAGGCACTTGNACAGGGAGCTGCATTTCAGACTGAACAAGTG
GGAGTTGAAGAGTTNTTAGATGGGATGGATACATAAAAGCTTGAAATGCTNAACAAGTGG
AATTTTCTCCTTTCAANTGAGACAGAAAAAACTAGAGGAATTCTATTTTTGCACAACAGT
TTCTTCACAGTGCCTGTGCATACAACCTAATAATTCCTTCTGAAGGCCTTATCTGCTTCT
GCAATGAATCTTTGTCAGGCTTATCTTTGTATTCAATGCATCTGAC

Restriction Sites: NotI-NotI

ACCN: NM_007085

Insert Size: 3780 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:	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_007085.3, NP_009016.1
RefSeq Size:	3705 bp
RefSeq ORF:	927 bp
Locus ID:	11167
UniProt ID:	Q12841
Cytogenetics:	3q13.33
Domains:	EFh, kazal, FOLN
Protein Families:	Secreted Protein

Gene Summary: This gene encodes a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This gene product is thought to be an autoantigen associated with rheumatoid arthritis. [provided by RefSeq, Jul 2008]