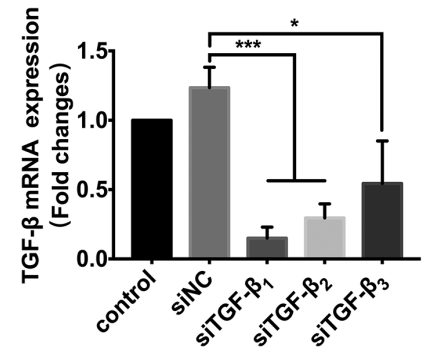
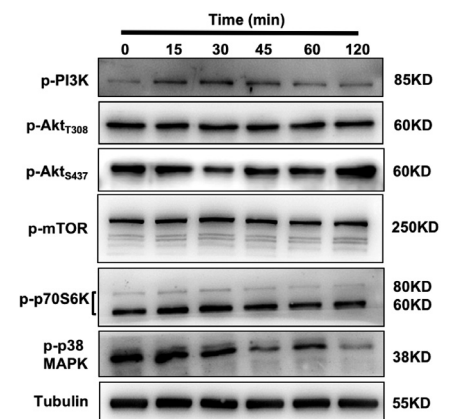


Supplementary Table S1. Primer sequences used in real-time PCR analysis.

Gene		Primer sequences (5' - 3')
GAPDH	forward	GAGTCAACGGATTGGTCGT
	reverse	GAGTCAACGGATTGGTCGT
α -SMA	forward	CTGTTCCAGCCATCCTTCAT
	reverse	TCATGATGCTGTTGTAGGTGGT
COL1A1	forward	GGGATTCCCTGGACCTAAAG
	reverse	GGAACACCTCGCTCTCCA
COL3A1	forward	CTGGACCCCAGGGTCTTC
	reverse	CATCTGATCCAGGGTTTCCA
Fibronectin	forward	CGGTGGCTGTCACTCAAAG
	reverse	AAACCTCGGCTTCCTCCATAA
TGF- β	forward	GGCCAGATCCTGTCCAAGC
	reverse	GTGGGTTTCCACCATAGCAC
CTGF	forward	CAGCATGGACGTTTCGTCTG
	reverse	AACCACGGTTTGGTCCTTGG
IL-6	forward	GGTCCAGTTGCCTTCTCCC
	reverse	TCTGCCAGTGCCTCTTTC
IL-10	forward	TGCAAAACCAAACCACAAGA
	reverse	TCTCGGAGATCTCGAAGCAT
IL-17A	forward	TCCCACGAAATCCAGGATGC
	reverse	GGATGTTCAAGTTGACCATCAC
IL-17D	forward	GCCCTGGGCCTACAGAATC
	reverse	CGCCCTGTTTGTTCGATGCT
MCP-1	forward	CAGCCAGATGCAATCAATGCC
	reverse	TGGAATCCTGAACCCACTTCT
ITGAV	forward	GCCAGGTGGTATGTGACCTT
	reverse	GAACAACCTGGCCCAACATCT
ITGB1	forward	ATCTGCGAGTGTGGTGTCTG
	reverse	CCTCGTTGTTCCATTCAT
ITGB3	forward	AATCCATCGAGTTCCAGTG
	reverse	ATCCGCAGGTTACTGGTGAG
ITGB4	forward	TCTACACGGACACCATCTGC
	reverse	GGCAGTCCTTCTTCTGTGC
ITGB5	forward	ACAAGGGAGTCTCTGCTCA
	reverse	GCAGGTCTGGTTGTCAAGTT
ITGB6	forward	AGCAAACCTAGCAGGCATCGT
	reverse	TTCCAGTTCCACCTCAGACC
ITGB8	forward	ACCCCTCACTAGGCCAACTT
	reverse	ACGTTTCTGCATCCTTCCAT
CYR61	forward	CCTTGTGGACAGCCAGTGTA
	reverse	TGTAGAAGGGAAACGCTGCT

Supplementary Table S2. Sequences of siRNA used in transfection.

siRNA		Sequences (5' - 3')
TGF- β_1 (TGFB1-Homo-1264)	sense	GCAGAGUACACACAGCAUATT
	antisense	UAUGCUGUGUGUACUCUGCTT
TGF- β_2 (TGFB1-Homo-1402)	sense	CCAGAAAUACAGCAACAAUTT
	antisense	AUUGUUGCUGUAUUUCUGGTT
TGF- β_3 (TGFB1-Homo-1560)	sense	CCUGUGACAGCAGGGUAUATT
	antisense	UUAUCCUGCUGUCACAGGTT
negative control	sense	UUCUCCGAACGUGUCACGUTT
	antisense	ACGUGACACGUUCGGAGAATT

**Fig. S1.** The identification of specific siRNA of TGF- β . The knockdown efficiency of TGF- β siRNA was identified in AFs, and siTGF- β_1 was the optimal for use. ** $p < 0.01$.**Fig. S2.** Phosphorylation of different signaling pathway proteins. The unconscious phosphorylation of PI3K, Akt, mTOR, P70 S6K, P38 MAPK, JNK in CYR61-stimulated AFs were detected by Western blotting.