

Supplemental materials and methods

The human uterine smooth muscle cells (Hu.USMC) (Cambrex BioScience Walkersville, Inc), the mouse embryo fibroblasts 10T1/2 (American Type Culture Collection), the rat vascular smooth muscle cells A7r5 (American Type Culture Collection) were cultured in DMEM with 10% FBS and 1% antibiotic solution and the Chinese hamster ovary cells CHO (American Type Culture Collection) were cultured in Ham's F12 medium with 10% FBS and 1% antibiotic solution. FLAG-tagged myocardin or control EGFP was exogenously expressed in the cells by adenovirus expression system. After 48 h, total proteins were extracted from the cells, and the expression levels of p21 protein was evaluated by immunoblot analysis.

Supplemental Figure Legend

Supplementary Figure. S1. Total proteins were extracted from Hu.USMC, A7r5, 10T1/2 and CHO cells expressing control EGFP or FLAG-tagged myocardin and analyzed by immunoblotting analysis with the indicated antibodies.

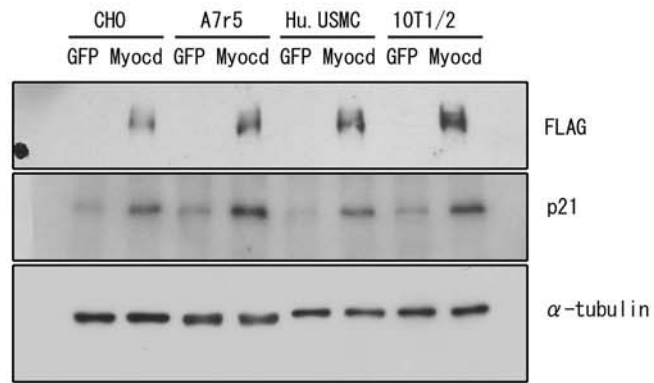


Figure S1.

Supplemental material

Table S1. List of gene-specific primer sets for SYBR Green real-time RT-PCR.

gene name	forward primer	reverse primer
GAPDH	ACCCACTCCTCCACCTTTGAC	TCCACCACCCTGTTGCTGTAC
Cdkn1a	TCCAGCGACCTTCCTCATC	AGCCTCTACTGCCACCATC
Cdkn1b	CCAAATGCCGGTTCTGTGGA	TTCATGTATATCTTCCTTGCTTCATCAA
Cdkn1c	CCTCTGATCTCCGATTTCTTC	GCTCTTTGGGCTCTAAATTGG
Cdkn2a	CAGTAACCATGCCCGCATAGAT	CCTTCGGTGACTGATGATCTAAGT
Cdkn2b	GCGTAAACGACACTCTCTGGAA	CGTCGCTTGCACATCCTCTC
Cdkn2c	AAATAATGTAAACGTCAATGCACAAA	CGAAACCAGTTCGGTCTTTCAA
Cdkn2d	CTCAACCGCTTCGGCAAGAC	GTACCGGAGGTGTCCTGGAC
Cdkn3	CATGGCTATCTTTGTACGAGTG	AACAAATATGTCTTGTATAACCACAGCT
myocardin	CTCGGCTTCCTTTGAACAAG	CTTCCCAGAGAATCCATCCA