Antibody	Cat. No	Brand
α-SMA	ab5694	Abcam (Cambridge, UK)
α-tubulin	T5168	Sigma-Aldrich (St. Louise, MO)
β-actin	A5441	Sigma-Aldrich (St. Louise, MO)
Collagen type I	600-403-103	Rockland (Limerick, PA)
CTGF	ab6992	Abcam (Cambridge, UK)
GAPDH	G8795	Sigma-Aldrich (St. Louise, MO)
p-LKB1	3482	Cell Signaling (Danvers, MA)
p-AMPK	2535	Cell Signaling (Danvers, MA)
p-CREB	SC-81486	Santa Cruz (Santa Cruz, CA)
Anti-mouse IgG-HRP	SC-2005	Santa Cruz (Santa Cruz, CA)
Anti-rabbit IgG-HRP	SC-2004	Santa Cruz (Santa Cruz, CA)

GDF15 ELISA (Mouse)	Ab216947	Abcam (Cambridge, UK)
GDF15 ELISA (Human)	Ab155432	Abcam (Cambridge, UK)
Hydroxyproline assay kit	Abx298833	Abbexa (Cambridge, UK)
LOX activity assay kit	Ab112139	Abcam (Cambridge, UK)
SIRT1 activity assay kit	ab156065	Abcam (Cambridge, UK)
TGase 2 assay kit	NBP1-37008	Novus (Centennial, CO)

Chemical	Cat. No	Brand
AICAR	SC-200659A	Santa Cruz (Santa Cruz, CA)
Ara-A	CDS020711	Sigma-Aldrich (St. Louise, MO)
Bleomycin	Ab142977	Abcam (Cambridge, UK)
CAY10591	839699-72-8	Cayman Chemicals (Ann Arbor, MI)
Compound C	171260	Sigma-Aldrich (St. Louise, MO)
EX527	49843-98-3	Cayman Chemicals (Ann Arbor, MI)
Imperatorin	482-44-0	ChemFaces (Hubei, People Republic of China)
Recombinant mouse GDF15	NBP2-51921	Novus (Centennial, CO)
Recombinant human TGFβ	100-21	Peprotech (Cranbury, NJ)
Zymosan	Z4250	Sigma-Aldrich (St. Louise, MO)
666-15	538341	Sigma-Aldrich (St. Louise, MO)

Supplementary Figure 1. Antibodies and chemicals used in this study.
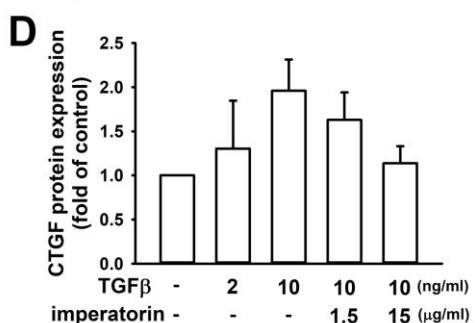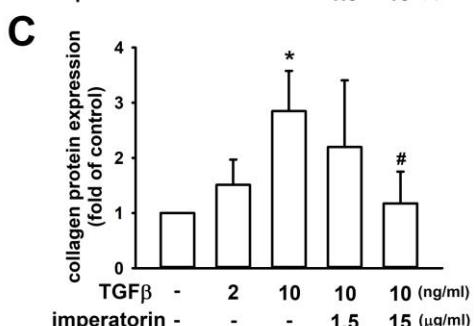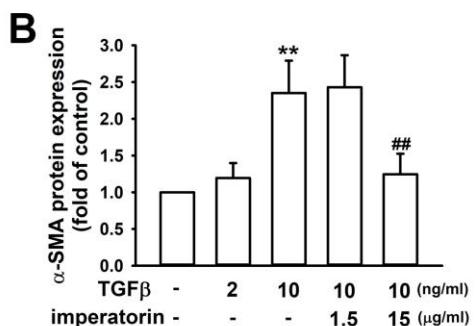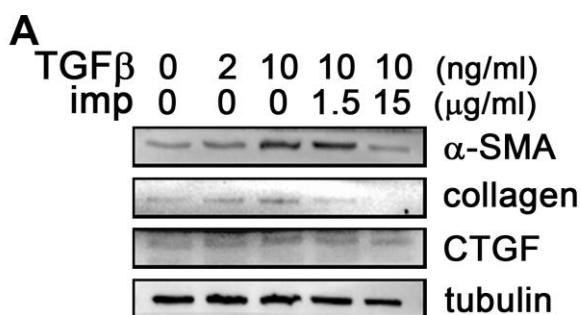
Supplementary Figure 2. Imperatorin reduces TGFβ-induced pro-fibrotic response in MRC-5 fibroblasts.

Representative images of protein expressions are shown in (**A**). Imperatorin (imp, 1.5 or 15 μg/ml) was administered 30 minutes before TGFβ (2 or 10 ng/ml) stimulation. 24 hours later, protein expressions of α-SMA (**B**), collagen (**C**), and CTGF (**D**) in MRC-5 fibroblasts were examined by Western Blotting. Graphs showed mean ± S.D. of three independent experiments. p value was calculated using one-way ANOVA and multiple comparison procedures (Holm-Sidak). $^*p < 0.0$; $^{**}p < 0.01$ compared to control group. $^{\#}p < 0.05$; $^{\#\#}p < 0.01$ compared to TGFβ-treated group.