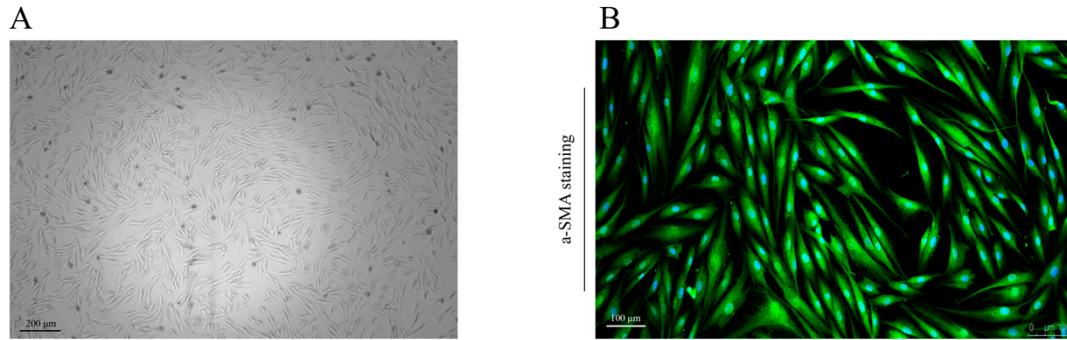


Supplementary Material

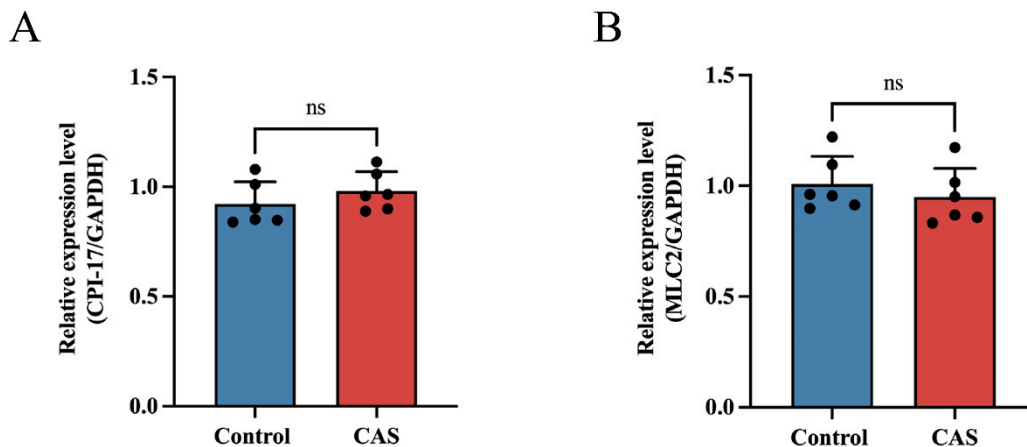
Supplementary Figure

Supplementary Figure S1



Supplementary Figure S1. Morphological characteristics and identification of hCASCs. (A) The morphological characteristics of hCASCs. Scale bar: 200 μm. (B) Expression of α-SMA in hCASCs was detected by immunofluorescence staining. Scale bar: 100 μm.

Supplementary Figure S2



Supplementary Figure S2. The expression of CPI-17 and MLC2 protein levels in CAS rat coronary arteries. (A) Results were expressed as a grayscale ratio of CPI-17 / GAPDH. $n = 6$ per group. (B) Results were expressed as a grayscale ratio of MLC2 / GAPDH. $n = 6$ per group. Data presented as mean \pm SEM. ns, no significance.

Supplementary Table

Supplementary Table S1. Autopsy information for collected human left-anterior descending-artery samples.

Case No.	Category	Age (y)	Gender	Circumstances of death	PMI, days	Gross finding	Histological examination
1	Control	44	M	Hemorrhagic shock due to road traffic accident	2	Mild LADA stenosis	Mild LADA atherosclerosis
2	Control	40	F	Basilar-artery rupture	4	Mild LADA stenosis	Mild LADA atherosclerosis
3	Control	55	M	Fall from height	2	Moderate LADA stenosis	Moderate LADA atherosclerosis
4	CAS	51	M	Quarrel and emotional agitation	2	Mild LADA stenosis	Mild LADA atherosclerosis
5	CAS	48	M	Quarrel and emotional agitation	2	Mild LADA stenosis	Mild LADA atherosclerosis
6	CAS	55	F	Fight resulting in minimal trauma; emotional agitation	5	Moderate LADA stenosis	Moderate LADA atherosclerosis

CAS, coronary-artery spasm; M, male; F, female; PMI, postmortem interval; LADA, left-anterior descending artery.