

Figure S1. Masson's trichrome staining of histological sections at 4 weeks after MI (magnification, x200; n=5). *P<0.05 vs. Sham group; #P<0.05 vs. MI group. MI, myocardial infarction.

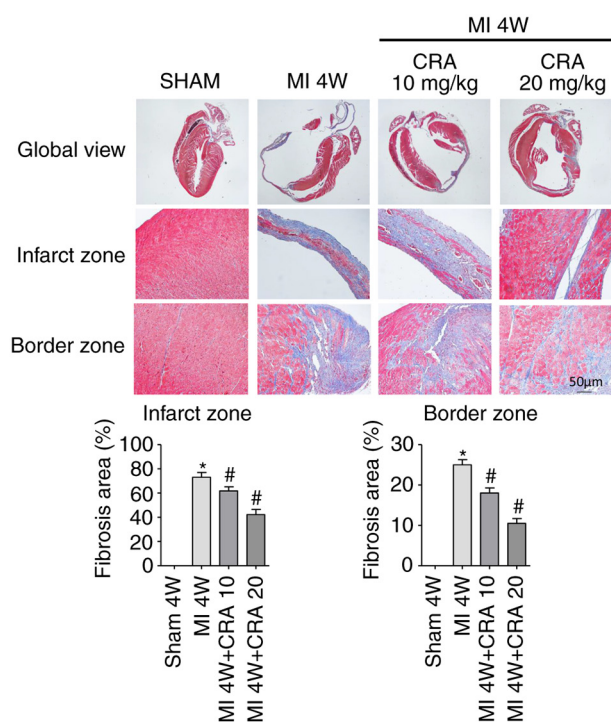


Figure S2. IgG staining of tissues from the infarct and border heart areas, serving as the negative control (magnification, x200).

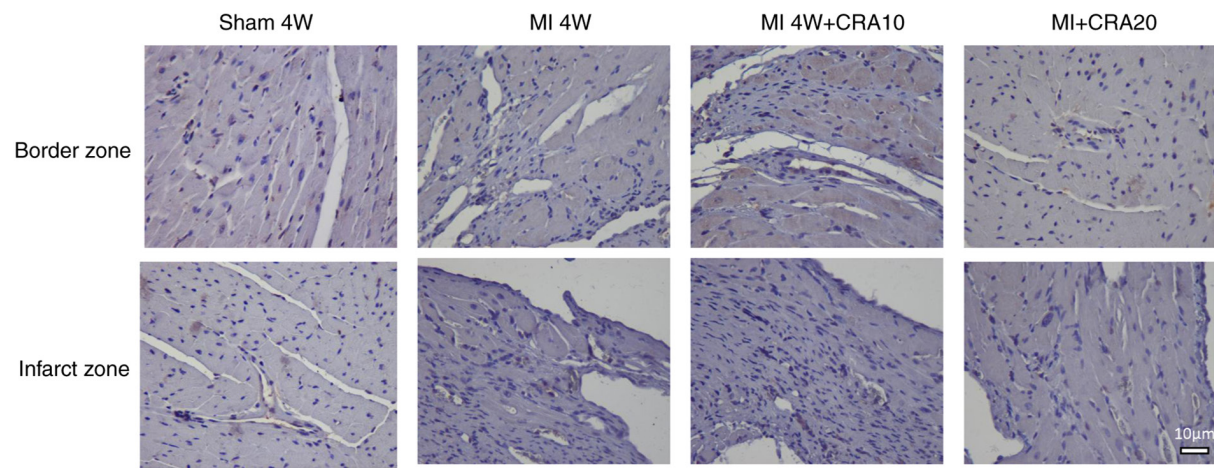


Table SI. Sequence of primers used in polymerase chain reaction.

Target	Species	Forward (5'-3')	Reverse (5'-3')
GAPDH	Mice	TCATCAACGGGAAGCCCATC	CTCGTGGTTCACACCCATCA
ANP	Mice	ACCTGCTAGACCACCTGGAG	CCTTGGCTGTTATCTTCGGTACCGG
BNP	Mice	GAGGTCACCTCTATCCTCTGG	GCCATTTCCCTCCGACTTTTCTC
α -MHC	Mice	GTCCAAGTTCCGCAAGGT	AGGGTCTGCTGGAGAGGTTA
β -MHC	Mice	CCGAGTCCCAGGTCAACAA	CTTCACGGGCACCCTTGGA
CTGF	Mice	TGTGTGATGAGCCCAAGGAC	AGTTGGCTCGCATCATAGTTG
Collagen I α 1	Mice	TGGTACATCAGCCCGAAC	GTCAGCTGGATAGCGACA
Collagen III α 1	Mice	GTCAGCTGGATAGCGACA	GAAGCACAGGAGCAGGT GTAGA
Fibronectin	Mice	TGTGACAACCTGCCGTAGACC	ATGAAGCACTCAATGGGGCA
IL-1 β	Mice	CCGTGGACCTTCCAGGATGA	GGGAACGTCACACACCAGCA
TNF- α	Mice	CATCTTCTCAAAATTCGAGTGACAA	TGGGAGTAGACAAGGTACAACCC
IL-6	Mice	AGTTGCCTTCTTGGGACTGA	TCCACGATTTCCAGAGAAC
Nox 2	Rat	GACCATTGCAAGTGAACACCC	AAATGAAGTGGACTCCACGCG
Nox 4	Rat	TTCCATCCCCAAATGCAAAG	TCAGATGCCCTAAAACCGGAG
HO-1	Rat	AGGAGATAGAGCGCAACAAGCAGA	CCAGTGAGGCCCATACCAGAAG
GAPDH	Rat	TGATGGGTGTGAACCACGAG	TCATGAGCCCTTCCACGATG