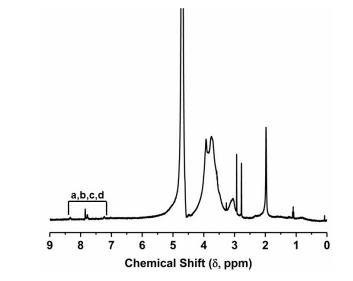
1	Supporting Information
2	Improved myocardial performance in infarcted rat heart by injection of
3	disulfide-cross-linked chitosan hydrogels loaded with basic fibroblast growth
4	factor
5	Bo Fu ^{†1, 2} , Xiaobei Wang ^{†3} , Zhengda Chen ^{†1, 2} , Nan Jiang ^{*1} , Zhigang Guo ^{*1} , Yuhui
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7	
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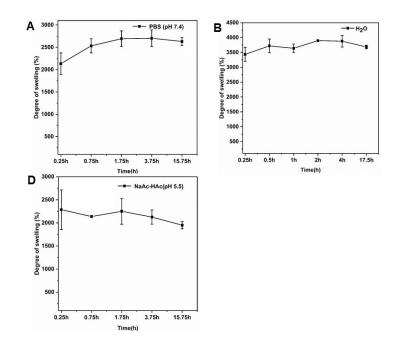
16 1.¹H NMR spectrum of the CMCS/BSA hydrogel



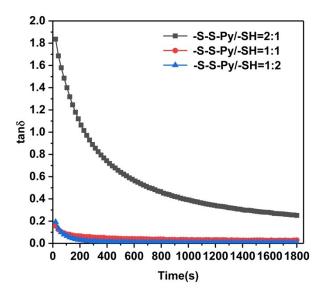
17

18 **Figure S1**. ¹H NMR spectrum of the CMCS/BSA hydrogel in D₂O.

19 2. Swelling test



- 21 Figure S2. Swelling properties of the CMCS/BSA hydrogels under different solutions.
- 22 3. Phase angle analysis of the CMCS/BSA hydrogels



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20

24 Figure S3. Phase angle analysis of the CMCS/BSA hydrogels with different -S-S-Py/-SH molar

25 ratio through dynamic time sweep tests at 37 °C.