

1 Antioxidant and anti-tumor activity of a polysaccharide from
2 freshwater clam, *Corbicula fluminea*.

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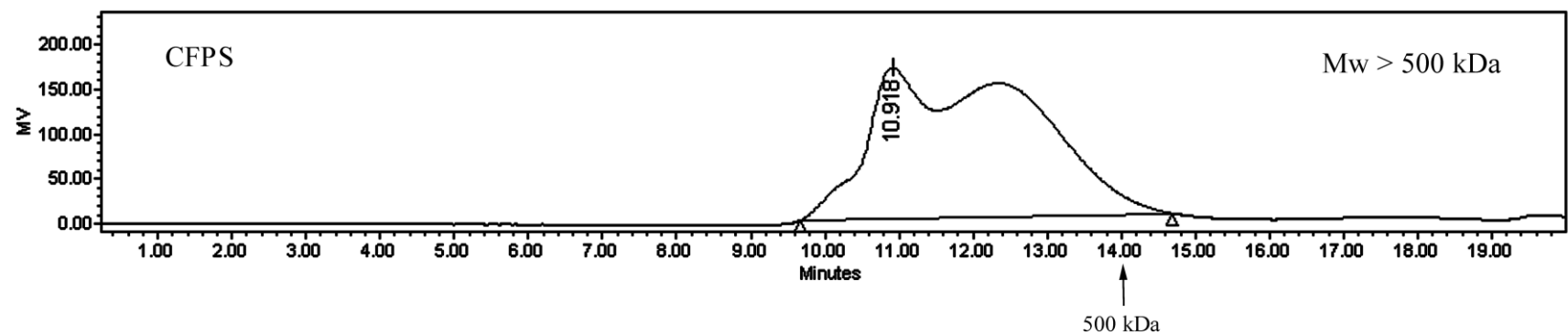
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11 Supplementary Data

Table S1. Yields, Chemical component and Mw of crude polysaccharide (CFPS) from *C. fluminea*.

Samples	Yield (%)	Protein (%)	Neutral sugar(%)	Sulfate (%)	M_w (KDa)	Molar ratio of monosaccharides					
						Man	GlcN	GalN	Glc	Gal	Fuc
CFPS	5.63	15.41	45.67	2.21	>500	0.11	0.22	0.15	46.7	0.13	0.97

GlcN, glucosamine; GalN, galactosamine; Glc, glucose; Gal, galactose; Fuc, fucose.

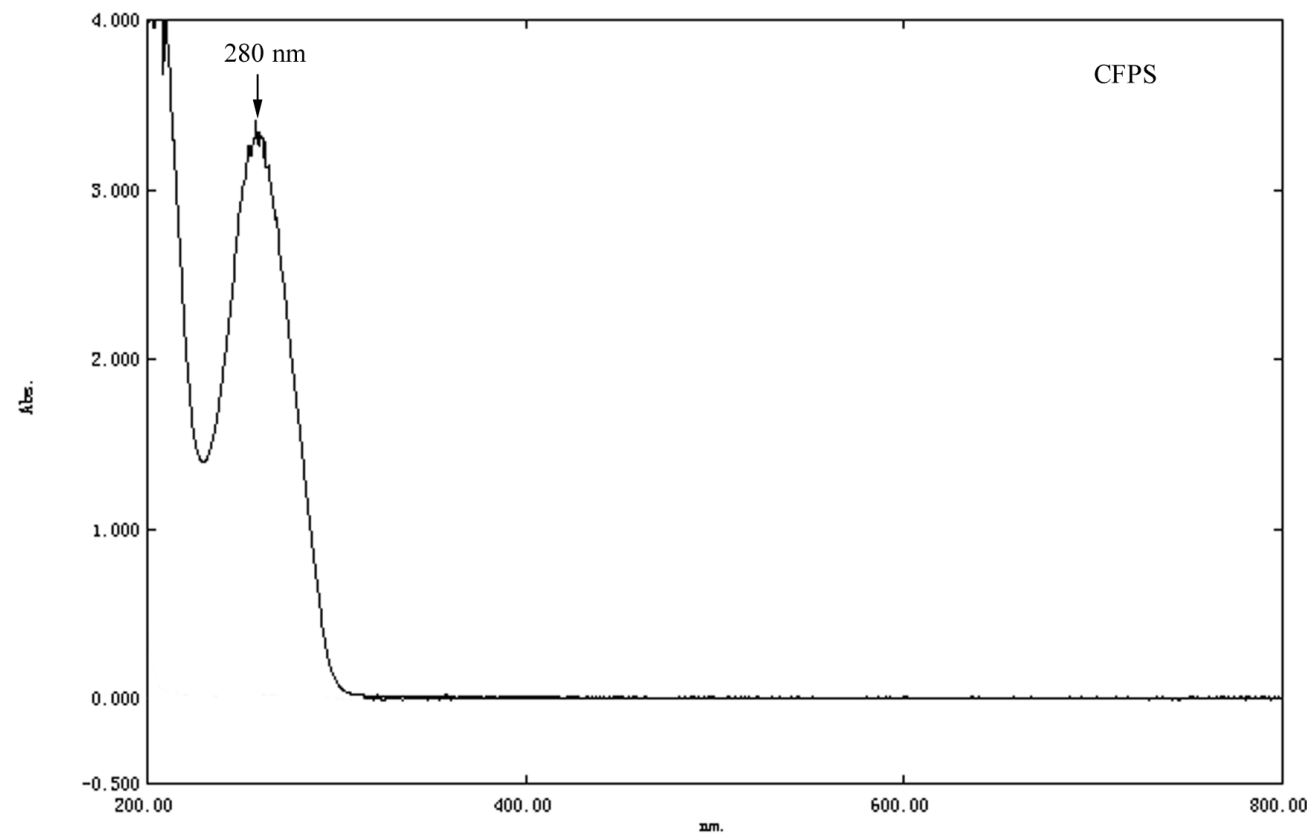
Fig. S1 HPSEC profile of the crude polysaccharide CFPS from *C. fluminea*.



Molecular weight determination by HPLC on a TSK-Gel G 4000 SW_{XL} stainless steel column (300×7.5 mm) with 0.2 M NaCl at 1 mL/min. The range of CFPS molecular weight (Mw) will be greater than 500 kDa.

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46 Fig. S2 UV spectrum of the crude polysaccharide (CFPS) from *C. fluminea*..



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Fig. S3 Infrared spectrum of the crude polysaccharide (CFPS) from *C. fluminea*.

