

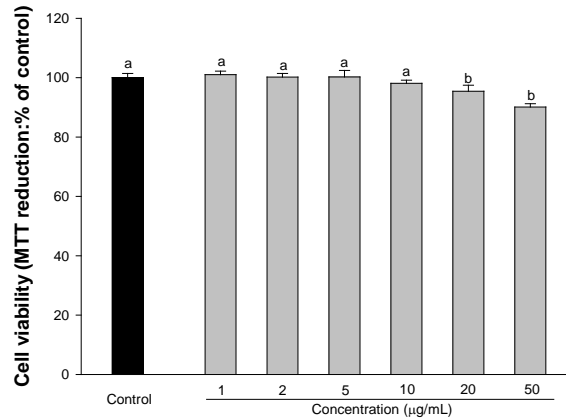
**Table S1.** Antioxidant capacity of ethyl acetate fraction from *Cedrela sinensis* (EFCS).

TPC <sup>a</sup>	TFC <sup>b</sup>	ABTS <sup>c</sup>	MDA <sup>d</sup>	FRAP <sup>e</sup>
670.49 ± 3.70	337.09 ± 3.57	77.64 ± 1.12	0.97 ± 0.01	2.03 ± 0.01

<sup>a</sup> TPC, total phenolic content; <sup>b</sup> TFC, total flavonoid content; <sup>c</sup> ABTS, ABTS radical scavenging activity; <sup>d</sup> MDA, inhibitory effect of malondialdehyde (MDA); <sup>e</sup> FRAP, ferric ion reducing antioxidant power. Results are mean ± standard deviation (SD) (n = 3). Results of TPC and TFC are presented as mg of GAE/g and mg of RE/g, respectively. Results of ABTS radical scavenging activity, and inhibitory effect of MDA are presented as IC<sub>50</sub> value (µg/mL). Result of FRAP are presented as absorbance value at 200 µg/mL.

**Table S2.** Information of primary antibody used in western blotting.

Antibody	Catalog # or code	Dilution used	Manufacture
β-actin	sc-69879	1:2,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
CRF	sc-293187	1:1,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
ACTH	sc-57018	1:1,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
CYP11B1	sc-374096	1:1,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
Capase-1	sc-392736	1:500	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
TNF-α	sc-33639	1:1,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
IL-1β	sc-515598	1:500	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
Bax	sc-7480	1:2,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
p-JNK	sc-6254	1:1,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
p-tau	sc-12952	1:1,000	Santa Cruz Biotechnology, Inc. (Dallas, TX, USA)
BDNF	CSB-PA05775A0Rb	1:1,000	CusaBio Technology LLC (Houston, TX, USA)

**Figure S1.** Cell viability of ethyl acetate fraction from *Cedrela sinensis* (EFCS). Results shown are mean ± SD (n=5). Data were statistically represented at  $p < 0.05$ , and different lowercase letters indicate statistical significance.