Figure S1. Effects of Cu chelator on Cu/NaHS-induced cell injury (BCS dose-dependency). SH-SY5Y cells were treated with CuSO₄ (200 μM) and/or NaHS (200 μM) in the presence or absence of the Cu chelator BCS. Twenty hours later, cell viability was measured using the MTT assay. The results are shown as means ± SD (n = 4). ** P<0.01 (vs. BCS 0 μM).
Figure S2. A) Enhancing effects of NaHS on Cu cytotoxicity in human breast cancer MDA-MB-231 cells. Cells were treated with the indicated concentrations of CuSO₄ and/or NaHS for 20 h. Cell viability was measured using the MTT assay. The results are shown as means ± SD (n = 4). ** P<0.01 (vs. CuSO₄ alone). B) Effects of Cu/NaHS treatment on ATP7A protein expression. MDA-MB-231 cells were treated with CuSO₄ (200 µM) and/or NaHS (200 µM) for 12 h in 1% FCS DMEM. After treatment, whole cell extracts were prepared from the treated cells, and then subjected to Western blot analysis.