Electronic Supplementary Material (ESI) for Soft Matter

Organic-inorganic nanovesicles for doxorubicin storage and release

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Supporting information

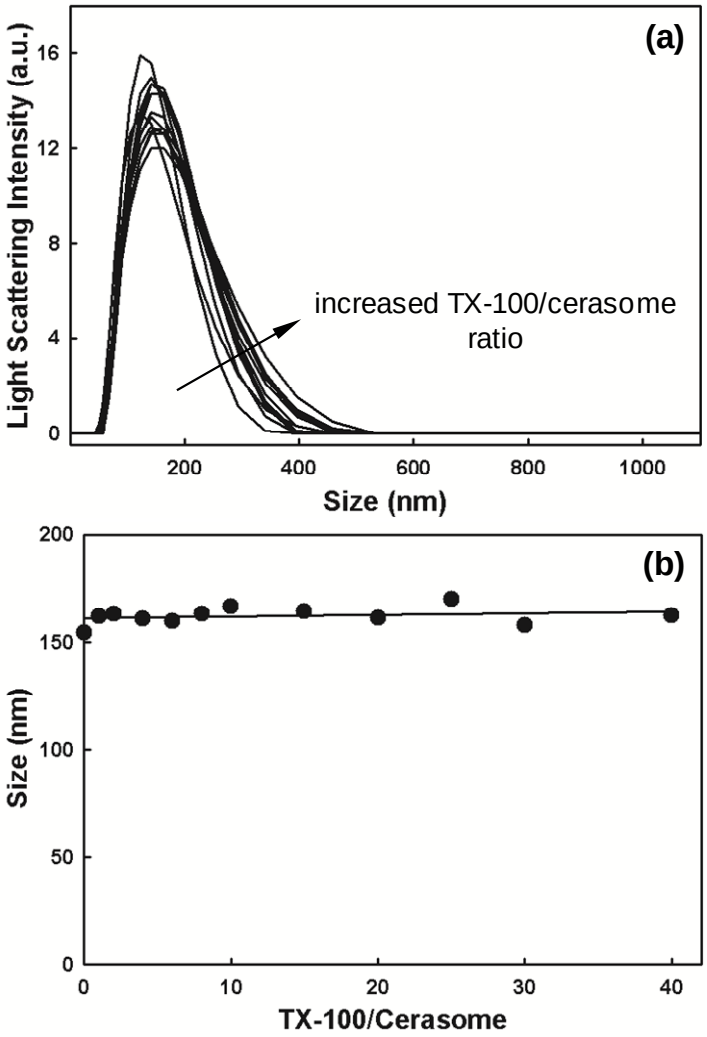

Figure S1. Stability of PEGylated cerasomes in Triton X-100. (a) DLS analysis of cerasomes in the surfactant Triton X-100 solutions. (b) The most probable diameter of cerasomes as a function of Triton X-100/cerasome ratio.

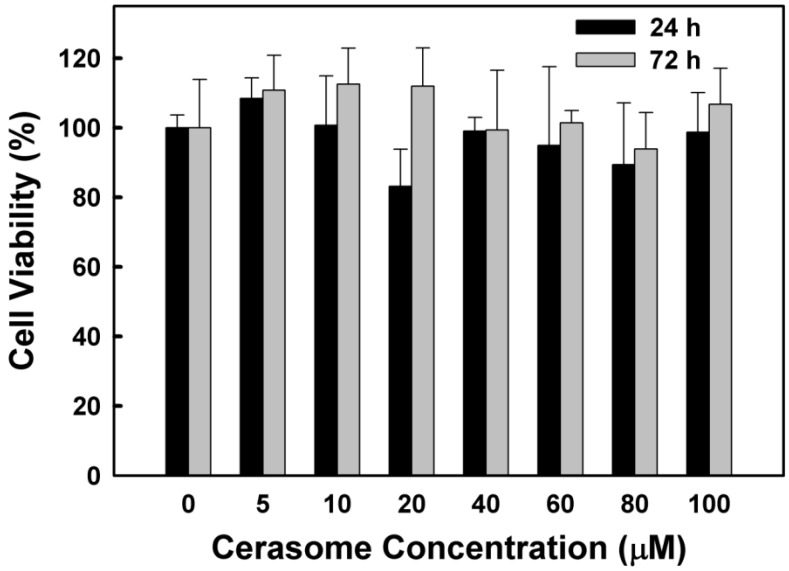

Fig S2. Effects of cerasome exposure on prostate cancer cell viability (n = 5, error = S.D.).

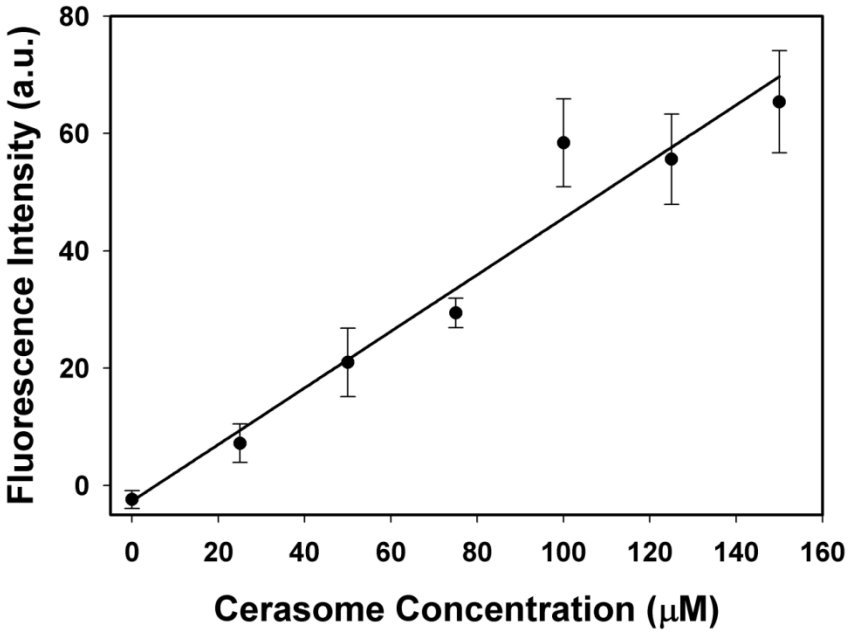

Fig S3. Fluorescence absorbance intensity of NBD-DPPE labeled cerasomes as a function of cerasome concentration (n = 5, error = S.D.). In the direct imaging analysis, this calibration curve was used to calculate the amount of cerasomes that were internalized by DU145 cells.