

Intracellular delivery of PTEN protein using cationic lipidoids for cancer therapy

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Supplemental Material:

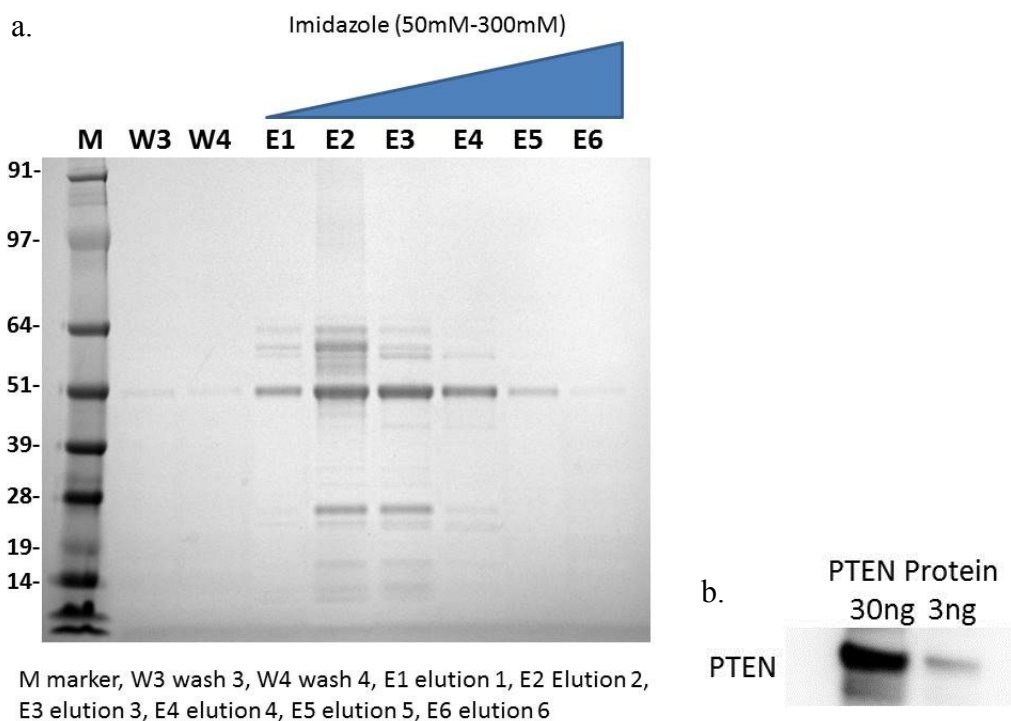


Figure S1. a) SDS-PAGE on protein collected during final wash steps and elution of PTEN from the Ni-NTA column b) western blot results on PTEN protein samples using a PTEN specific antibody

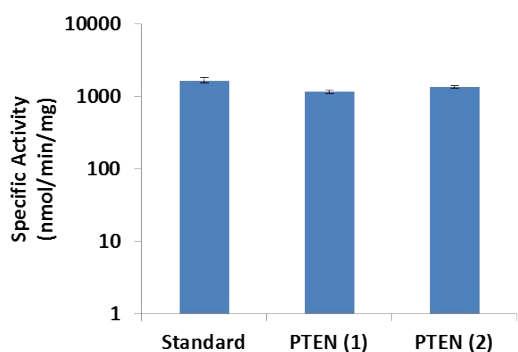


Figure S2. PTEN PIP₃ phosphatase activity on two batches of isolated PTEN protein.

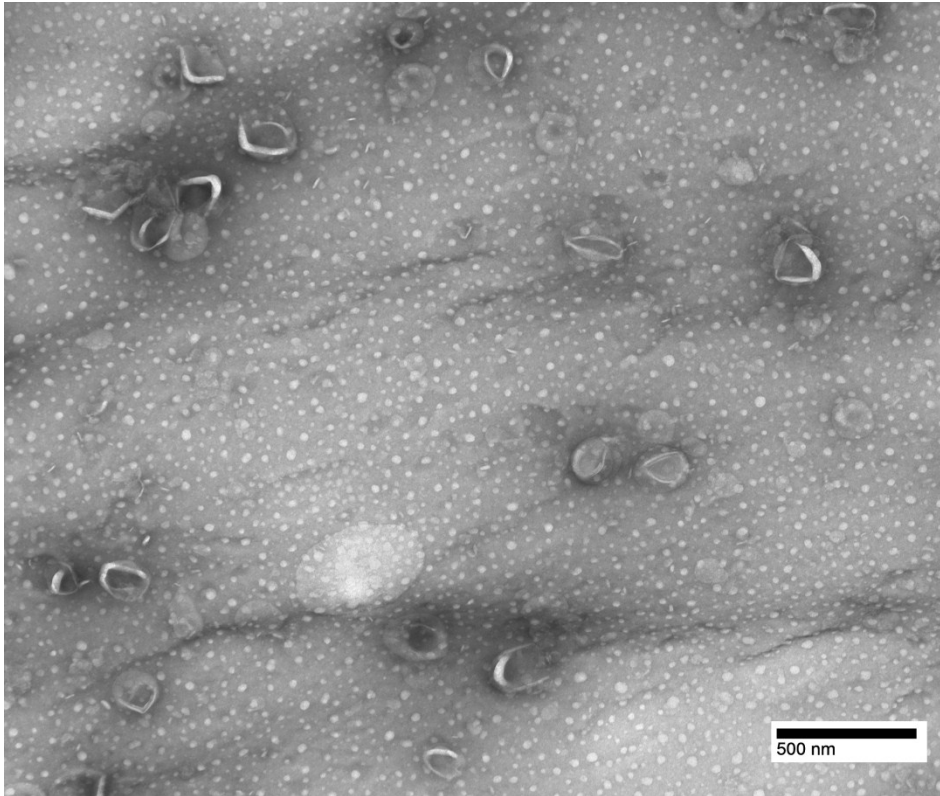
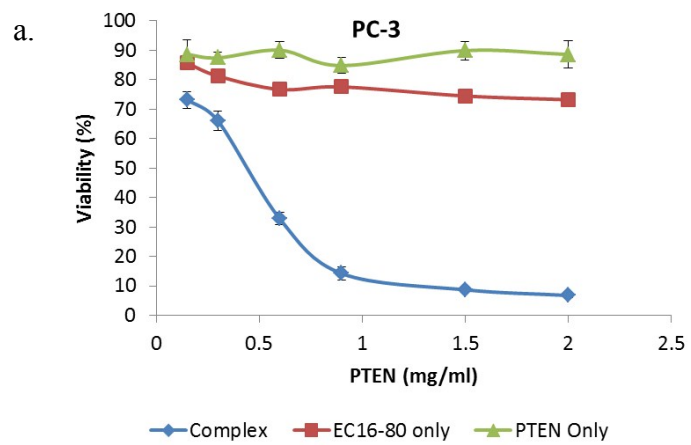


Figure S3. TEM imaging of EC16-80/PTEN complexations. Scale bar = 500nm



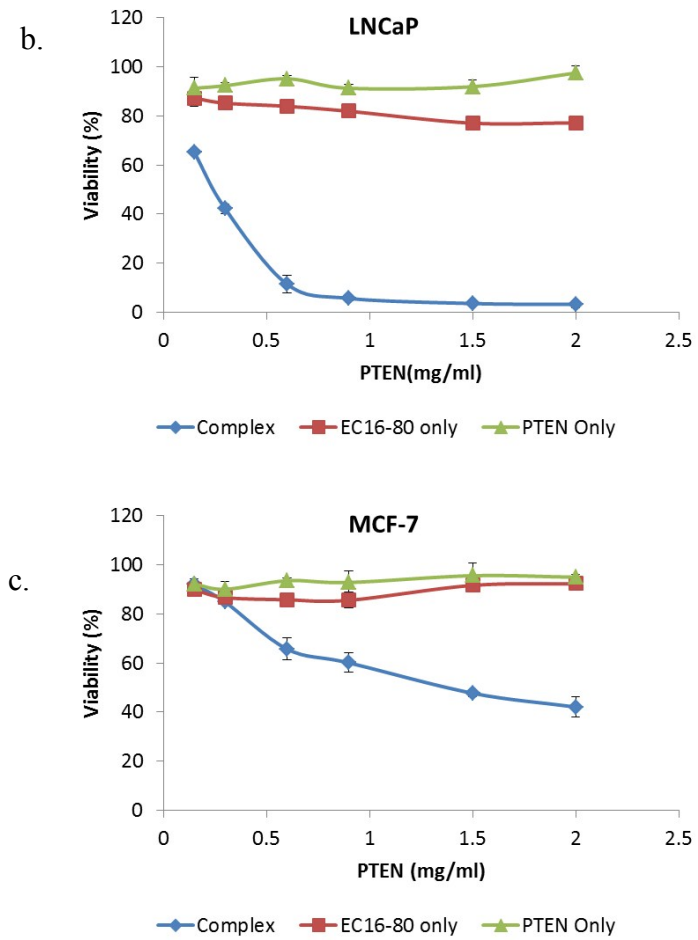


Figure S4. Viability of a) PC-3 b) LNCaP and c) MCF-7 dosed with EC16-80/PTEN complex, PTEN alone, and EC16-80 alone for 48hr. Data are presented as mean $\pm$ SD (n=3).