**Figure A**

Western blot analysis showing the protein expression levels of MMP2 and β-actin in response to siRNA treatments. The molecular weight (MW) in kDa is indicated at the top. The samples include No siRNA, CKAP4 siRNA, and NT siRNA. The bands at 72-64 kDa are indicative of MMP2, while the bands at 42 kDa represent β-actin.

**Figure B**

Bar graph showing the mRNA copy number relative to β-actin for No siRNA treatment. The mRNA copy number is expressed as 10^2. The graph compares the APF and Pep conditions.

**Figure C**

Bar graph showing the mRNA copy number relative to β-actin for CKAP4 siRNA treatment. The mRNA copy number is expressed as 10^2. The graph compares the APF and Pep conditions.

**Figure D**

Bar graph showing the mRNA copy number relative to β-actin for Non-target siRNA treatment. The mRNA copy number is expressed as 10^2. The graph compares the APF and Pep conditions.