

**Protein Profiling of Active Cysteine Cathepsins in Living Cells Using an
Activity-Based Probe Containing a Cell-Penetrating Peptide**

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Supporting Information

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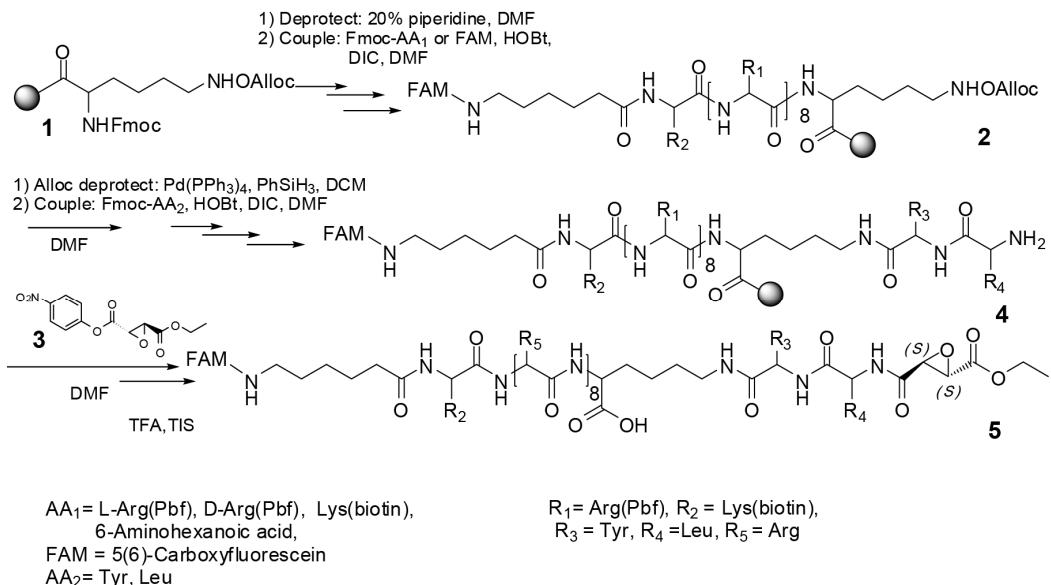


Figure S1. The Synthesis of TCpABP

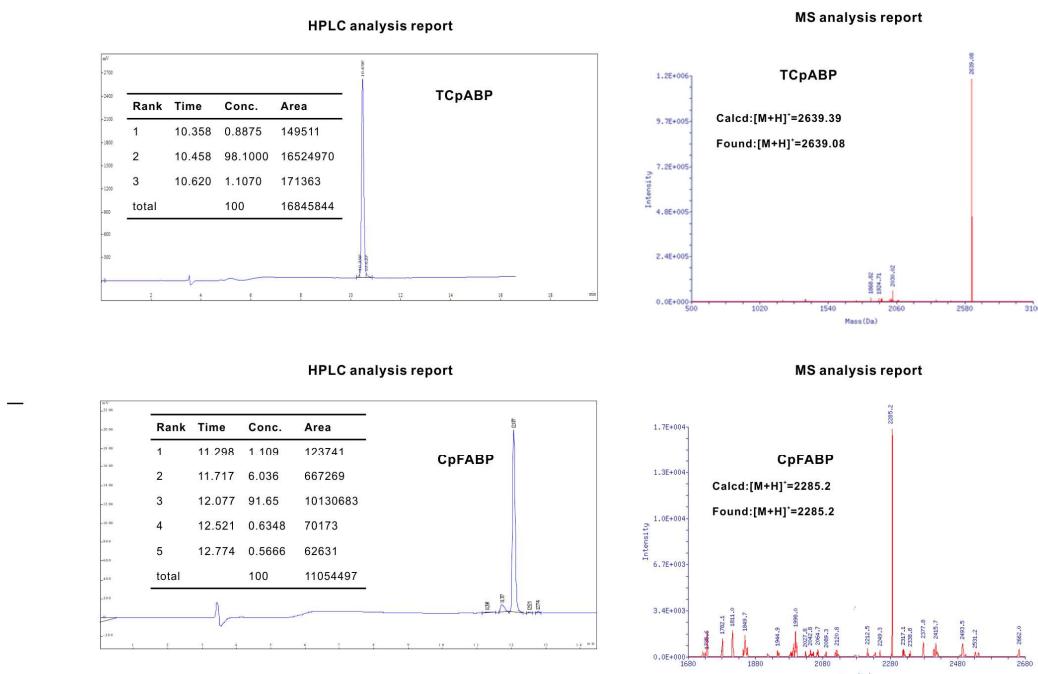


Figure S2. HPLC and ESI-MS spectra of TCpABP and CpFABP.

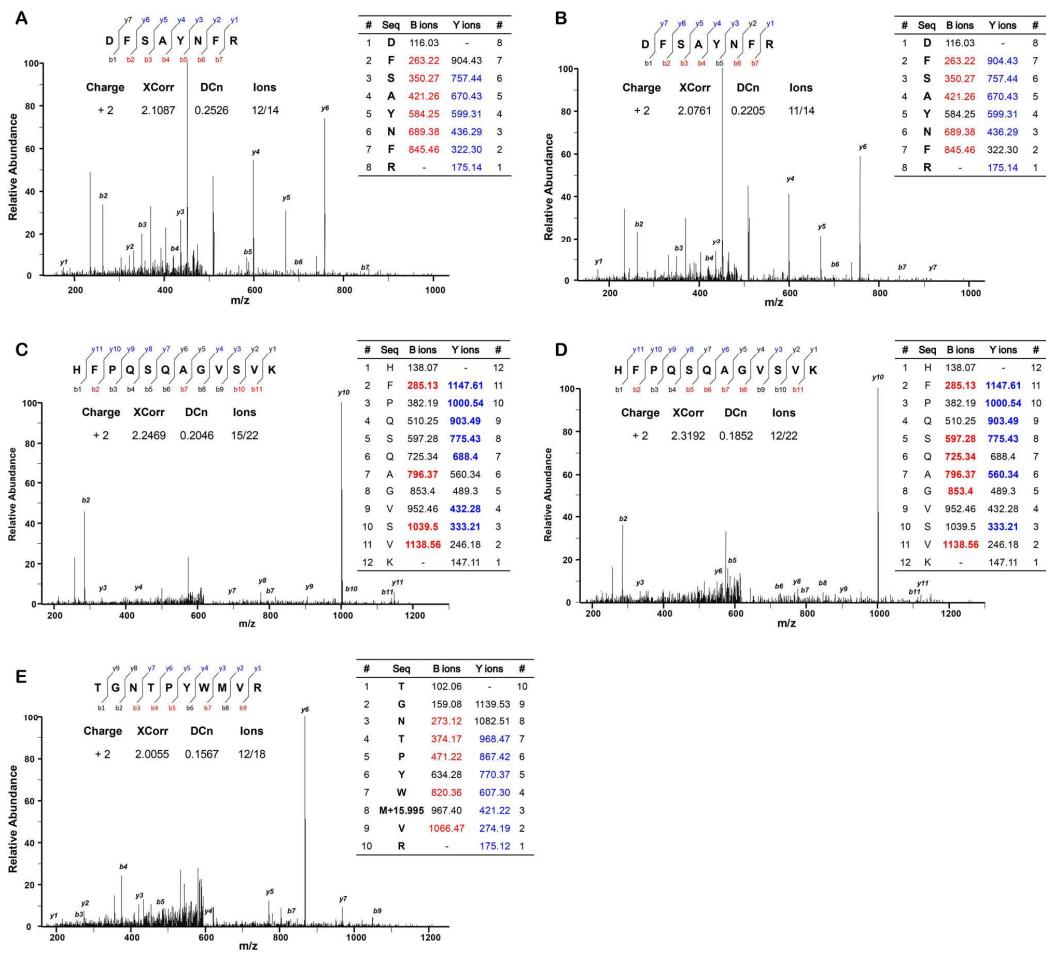


Figure S3. MS2 spectra of peptides (DFSAYNFR (A, B), HFPQSQAGVSVK (C, D) and TGNTPYWM*VR (E)) derived from cathepsin O.

Assignment of b (red) and y (blue) ion series in MS/MS scan confirms identification of peptides.