

Supplementary Material

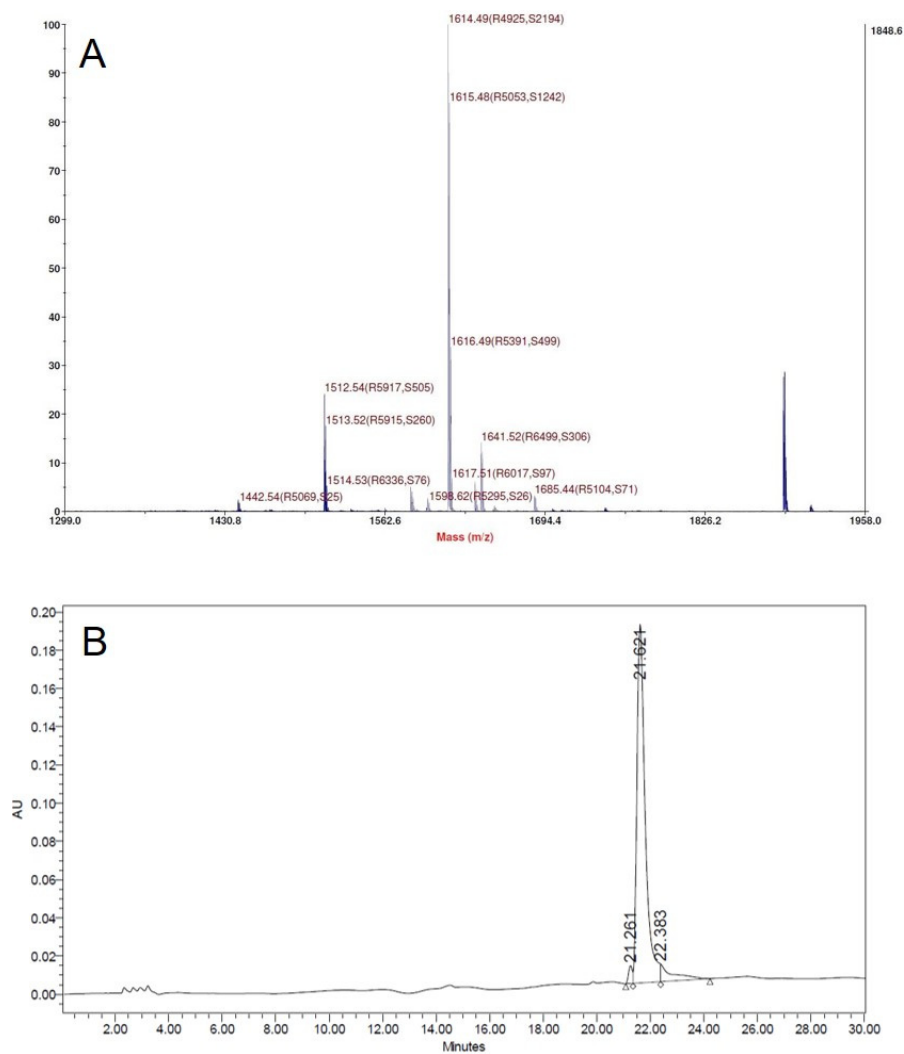


Figure S1. (A) MALDI-TOF spectrum of crude peptide EAK: experimental mass = 1614.520 Da; theoretical mass = 1614.79 Da. (B) Analytical chromatogram of purified EAK (conditions: Vydac C₁₈ column (5 μ m, 300 \AA , 4.6 \times 250 mm, Grace), eluent A: 0.05% TFA in H₂O; eluent B: 0.05% TFA in CH₃CN; gradient: from 5 to 20 % di B in 30 min, flow rate: 1 mL/min; detector: 214 nm).

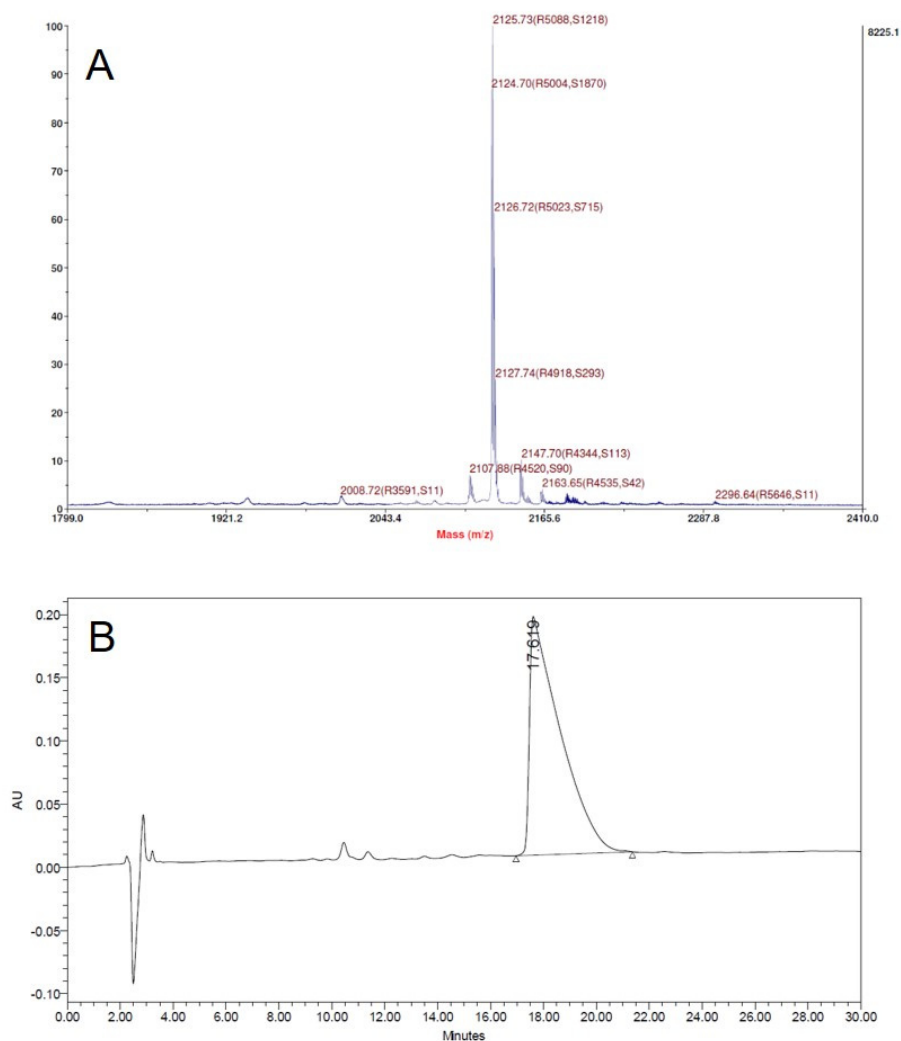


Figure S2. (A) MALDI-TOF spectrum of crude peptide EAK-IKVAV: experimental mass = 2125.73 Da; theoretical mass = 2125.48 Da. (B) Analytical chromatogram of purified EAK-IKVAV (conditions: Nova-Pak HR C₁₈ column (4 μ m, 60 Å, 3.9 \times 300 mm, Waters), eluent A: 0.05% TFA in H₂O; eluent B: 0.05% TFA in CH₃CN; gradient: from 15 to 30% di B in 30 min, flow rate: 1 mL/min; detector: 214 nm).

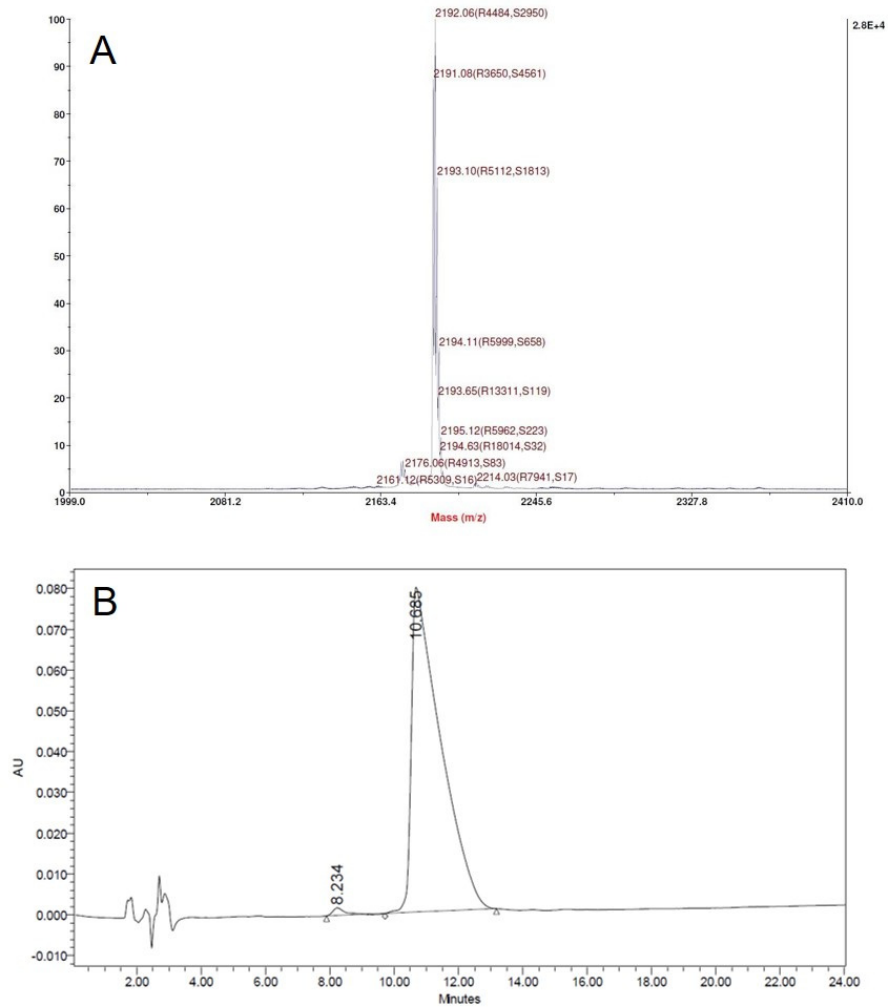


Figure S3. (A) MALDI-TOF spectrum of crude peptide EAK-YIGSR: experimental mass = 2192.06 Da; theoretical mass = 2191.45 Da. (B) Analytical chromatogram of purified EAK-YIGSR (conditions: Nova-Pak HR C₁₈ column (4 μ m, 60 \AA , 3.9 \times 300 mm, Waters), eluent A: 0.05% TFA in H₂O; eluent B: 0.05% TFA in CH₃CN; gradient: from 18 to 26 % di B in 24 min, flow rate: 1 mL/min; detector: 214 nm).