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Synthesis and Characterization of Enzymatically Degradable PEG-Based Peptide-Containing Hydrogels

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RP-HPLC and MALDI-TOF MS of Peptides GFLG1 and GFLG2

The purity of the peptides was verified with analytical RP-HPLC (Agilent Technologies 1100, equipped with Zorbax 300SB-C18 column, 4.6 × 250 mm, 300 Å pore size, 5 μm particle size, flow rate 1.0 mL/min) employing a gradient from 2% to 90% B over 25 min, where Buffer A was 0.1% TFA in water and Buffer B 0.1% TFA in acetonitrile (**Figure S1** and **S2**). Peptide structures were ascertained by MALDI-TOF mass spectra (Voyager-DE STR Biospectrometry Workstation, Perseptive Biosystems) shown as **Figure S3** and **Figure S4**, respectively.

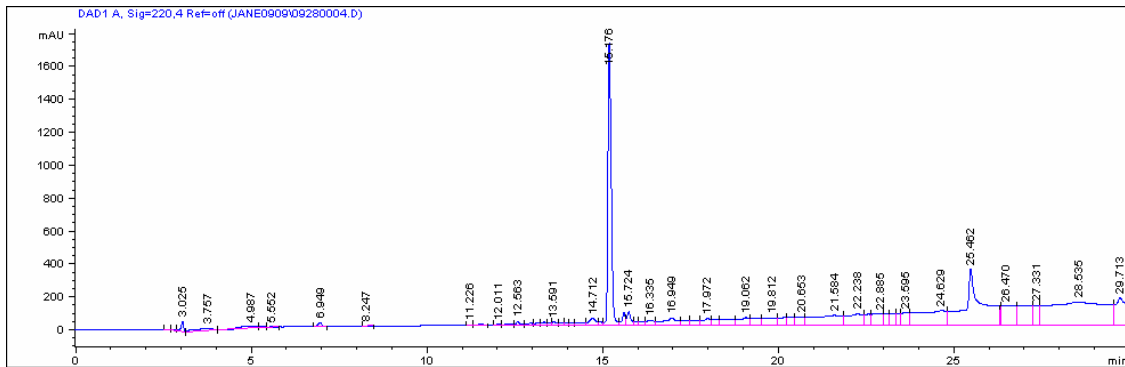


Figure S1. RP-HPLC of Peptide GFLG1

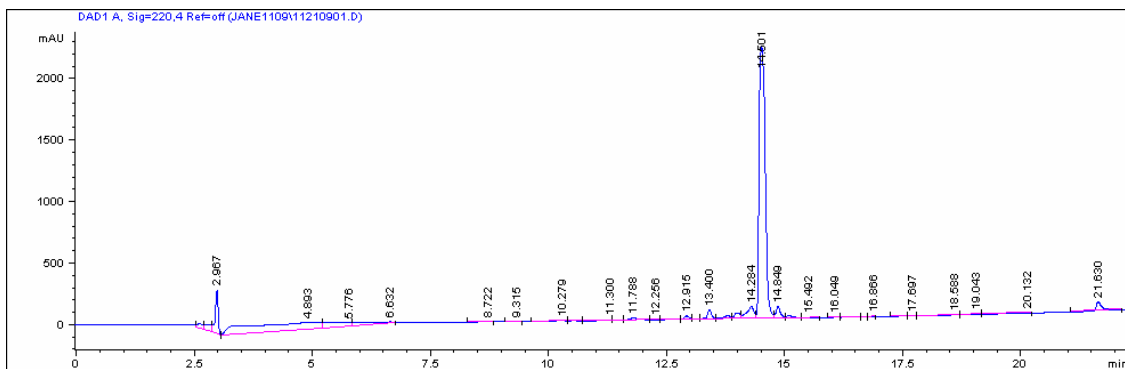


Figure S2. RP-HPLC of Peptide GFLG2

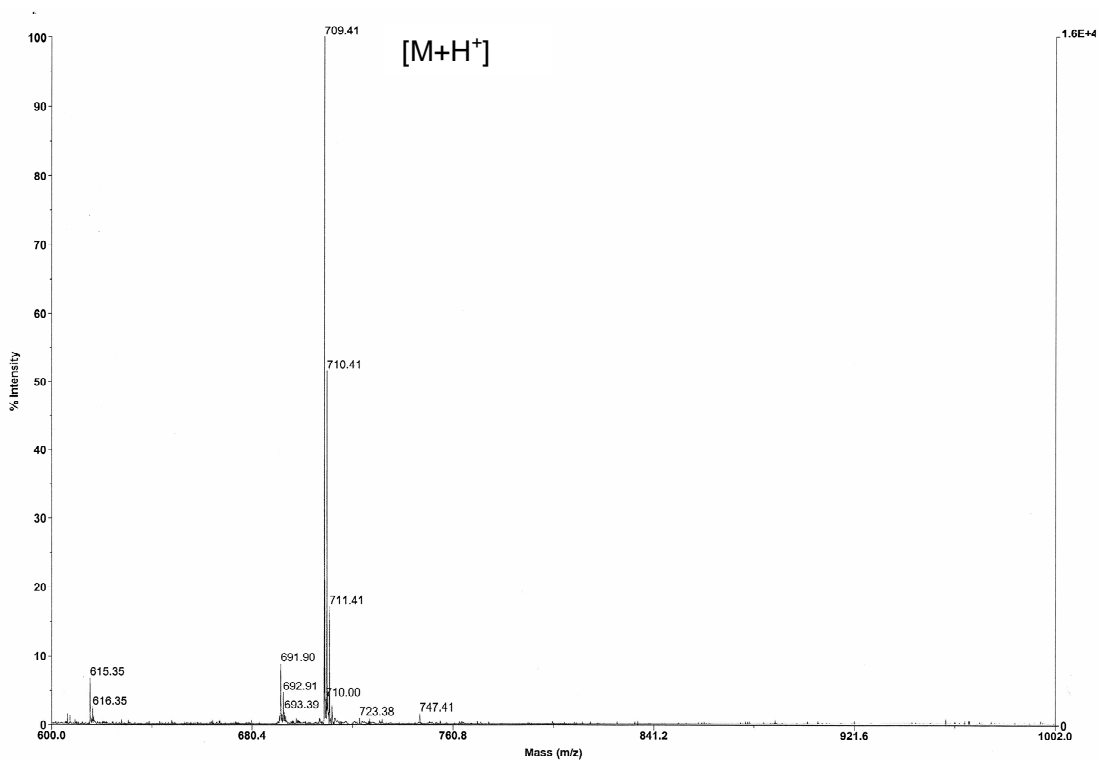


Figure S3. MALDI-TOF MS of Peptide GFLG1

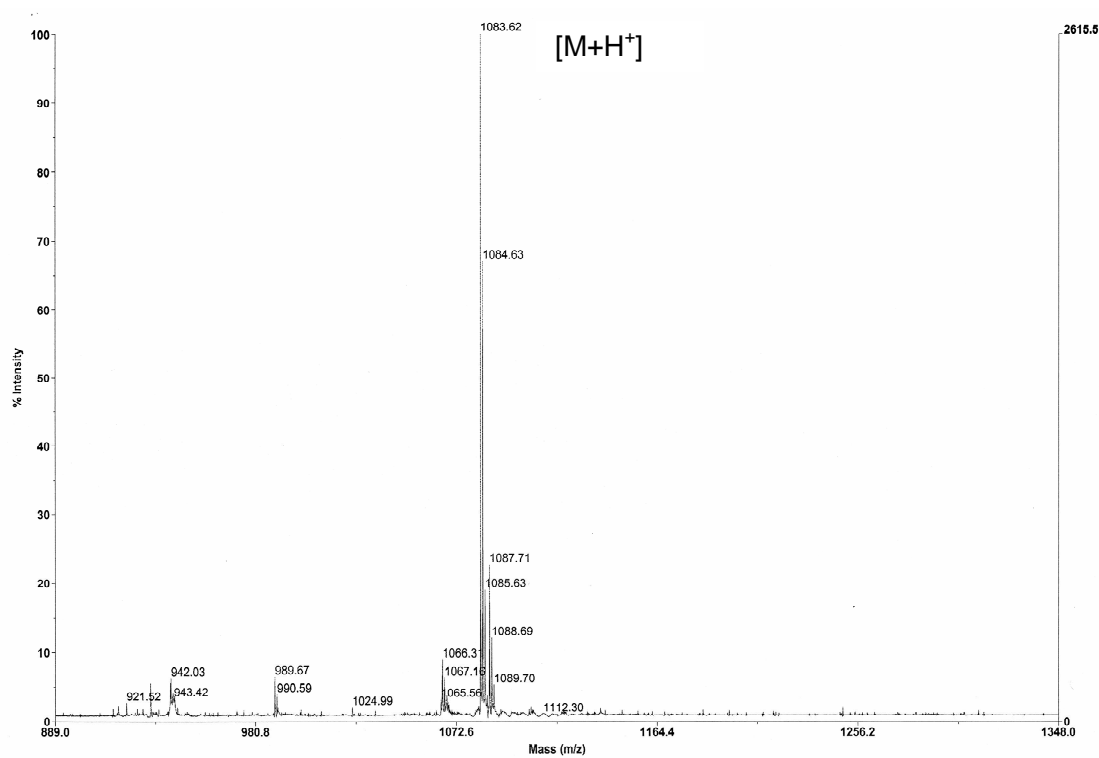


Figure S4. MALDI-TOF MS of Peptide GFLG2