

Supplemental Data

Humanin Derivatives Inhibit Necrotic Cell Death in Neurons

Aviv Cohen,¹ Jenny Lerner-Yardeni,¹ David Meridor,¹ Roni Kasher,² Ilana Nathan,^{3,4} and Abraham H Parola^{1*}

Online address: <http://www.molmed.org>

The Feinstein Institute
for Medical Research 

Empowering Imagination. Pioneering Discovery.®

SUPPORTING INFORMATION

The peptides were characterized by analytical RP-HPLC and MALDI-TOF/MS, and the results are shown in Supplementary Table S1.

Supplementary Table S1. Amino acids sequences, MALDI-TOF/MS data, and analytical RP-HPLC data for the peptides examined in this study.

Peptide Name	Sequence ^a	MS, (M+H) ⁺		Analytical HPLC RT, (min) ^c
		Calculated	Experimental ^b	
HN	MAPRGFSCLLLLTSEIDLPKRRA	2686	2686.2	28.3
HNG	MAPRGFSCLLLLT G EIDLPKRRA	2656	2656.5	29.0
AGA-HNG	MAP AG ASCLLLLT G EIDLPKRRA	2495	2495.2	28.7
AGA(C8R)-HNG17	P AG ASRLLLLT G EIDLK	1736	1736.7	27.8

^aBold letters indicate the amino acid residues that were replaced in the HN derivatives.

^bDetermined by MALDI-TOF/MS.

^cDetermined by analytical RP-HPLC, using the analytical method described. Peptides were purified by preparative RP-HPLC. Purified peptide had > 95% purity, by RP-HPLC.