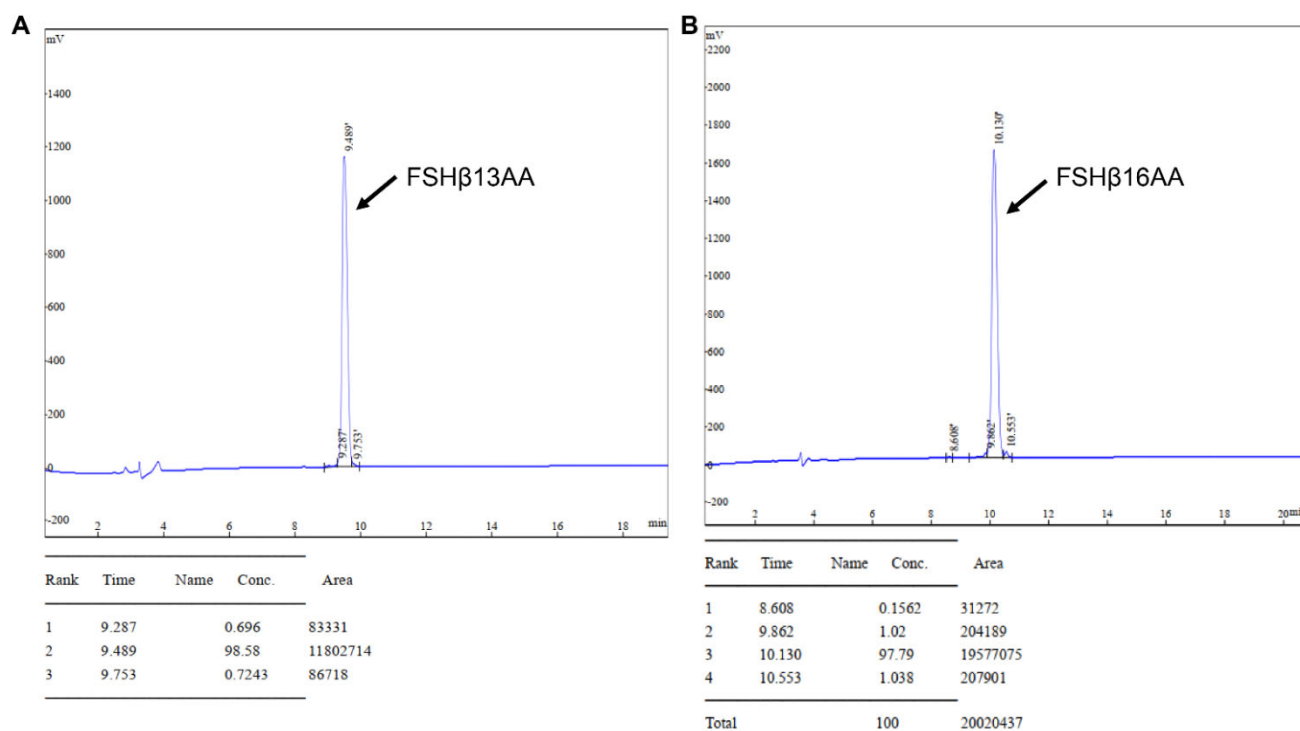


Supplemental files:

Supplementary Table S1. Amino acid sequence of FSH β 13AA/SH β 16AA and their scrambled control peptides

Peptide	Sequence	Peptide mass percentage (%)
FSH β 13AA	LVYKDPARPKIQK	100
Scrambled FSH β 13AA mix	VYAKPLQKDPKIR	25
	DYRKAQPPKLKIV	25
	PADKKKLIRYPVQ	25
	RLAVIKQPKYKPD	25
	TRDLVYKDPARPKIQK	100
FSH β 16AA	TRDLVYKDPARPKIQK	100
Scrambled FSH β 16AA mix	KILDPRKPTYDVKAQR	25
	KRQKPVYKRLTDDAIP	25
	PDKQLTYPVRKAIDRK	25
	YPLVKPRQTKIDKDRA	25
	TRDLVYKDPARPKIQK	100

The mixed scrambled peptide for FSH β 13AA and FSH β 16AA were generated at Mimotopes website (<http://www.mimotopes.com>).



Supplementary Figure S1. High-performance liquid chromatography (HPLC) purification of FSH β 13AA and FSH β 16AA peptides. According to peak areas, the purity of FSH β 13AA and FSH β 16AA was equal to 98.58 and 97.79%, respectively.