FP #	Name	Protein Construct
1	aMF - 6XHIS -TEV(Q/M)-rBHT	aMF— 6XHIS—TEV — 1-22 23-110 111-394 —COOH
2	aMF-6XHIS -TEV(Q/M) -aMF-rBHT-6XHIS	aMF— 6XHIS—TEV — 1-22 23-110 111-394 —6XHIS— COOH
3	aMF-rBHT-6XHIS	aMF— 1-22 23-110 111-394 —6XHIS— COOH
4	aMF -rBHT	aMF— 1-22 23-110 111-394 —COOH
5	aMF-rBHT(?1 - 22) - 6XHIS	aMF— 23-110 111-394 —6XHIS—COOH
6	aMF-rBHT(?1 -22)	aMF— 23-110 111-394 —COOH
7	rBHT-6XHIS	1-22 23-110 111-394 —6XHIS— COOH
8	rBHT(?1 -22)-6XHIS	23-110 111-394 ‾6XHIS‾ COOH
9	aMF-rBHT(?1 -110)-6XHIS	aMF— 111-394 ‾6XHIS‾ COOH

(A) Kyte and Doolittle hydropathy plot for BHT. (B) Graphic representation of the constructs created. Contact codes: *Ala* helix contact, Xxx membrane contact, **Xxx** cleavage.

Fig. 6B

FP #	Protein Construct						
	Name						
1	aMF - 6XHIS -TEV(Q/M)-rBHT	aMF—	6XHIS—TEV —	1-22	23-110	111-594	—COOH
2	aMF-6XHIS -TEV(Q/M) -aMF-rBHT-6XHIS	aMF—	6XHIS—TEV —	1-22	23-110	111-594	—6XHIS—COOH
3	aMF-rBHT-6XHIS	aMF—		1-22	23-110	111-594	—6XHIS—COOH
4	aMF -rBHT	aMF—		1-22	23-110	111-594	—COOH
5	aMF-rBHT(Δ1- 22) - 6XHIS	aMF—			23-110	111-594	—6XHIS—COOH
6	aMF-rBHT(Δ1-22)	aMF—			23-110	111-594	—COOH
7	rBHT-6XHIS			1-22	23-110	111-594	—6XHIS—COOH
8	rBHT(Δ1-22)-6XHIS				23-110	111-594	—6XHIS—COOH
9	aMF-rBHT(Δ1-110)-6XHIS	aMF—				111-594	—6XHIS—COOH

(A) Kyte and Doolittle hydropathy plot for BHT. (B) Graphic representation of the constructs created. Contact codes: *Ala* helix contact, Xxx membrane contact, **Xxx** cleavage.

Fig. 6B