

Absorption and transport properties of a Codfish-derived peptide and its protective effect on bone loss in ovariectomized mice

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Table S1. Identification method of the P-GM-2 by UPLC-QTRAP.

Q1 Mass (Da)	Q3 Mass (Da)	Time (msec)	DP (volts)	CE (volts)
715.200	187.300	100.0	200.000	45.000
715.200	284.200	100.0	200.000	50.800
715.200	529.300	100.0	200.000	44.100

Table S2. Blood routine analysis of mice in each group.

Parameters	Sham	OVX	OVX+TPTD	OVX+P-GM-2
WBC($10^9/L$)	7.89±1.75	8.96±1.92	8.31±0.94	6.25±0.54
RBC($10^{12}/L$)	10.33±0.25	10.62±0.02	5.35±1.64*	10.56±0.16
HGB(g/L)	162.50±4.50	169.40±1.90	89.50±10.18*	163.50±4.30
MCV(fL)	52.65±14.12	53.35±0.25	48.65±0.65	52.45±0.55
PLT($10^9/L$)	495.19±14.40	541.40±21.30	375.57±25.52*	511.54±7.53
Lym(%)	93.65±2.25	90.35±2.45	69.51±2.48*	91.42±3.29
MCHC(g/L)	299.20±3.10	302.10±2.50	302.54±7.58	293.52±5.91
MCH(pg)	15.75±0.05	15.91±0.16	15.75±1.15	15.45±0.15
MPV(fL)	9.30±0.10	9.35±0.05	8.82±0.34	9.35±0.05
PCT(%)	0.46±0.01	0.51±0.02	0.35±0.03	0.48±0.01

Fig. S1 Standard curve of P-GM-2 detected by UPLC-MS/MS.

