

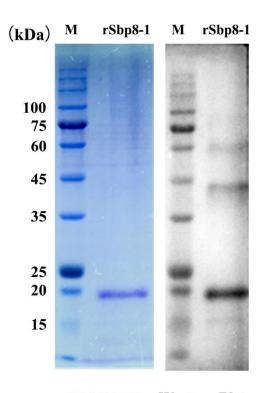
Characterization of an atypical metalloproteinase inhibitors like protein (Sbp8-1) from scallop byssus

Xiaokang Zhang^{1†}, Xiaoting Dai^{1†}, Lulu Wang¹, Yan Miao¹, Pingping Xu¹, Pengyu Liang¹, Bo Dong^{1,2}, Zhenmin Bao^{1,3}, Shi Wang^{1,2}, Qianqian Lyu^{1,2*} and Weizhi Liu^{1,2*}

*Correspondence

Dr. Weizhi Liu liuweizhi@ouc.edu.cn Dr. Qianqian Lyu lqqdo@163.com

Supplemental material



SDS-PAGE Western Blot

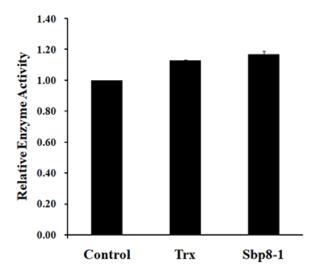
¹MOE Key Laboratory of Marine Genetics and Breeding, College of Marine Life Sciences, Ocean University of China, Qingdao, China

²Laboratory for Marine Biology and Biotechnology, Qingdao National Laboratory for Marine Science and Technology, Qingdao, China

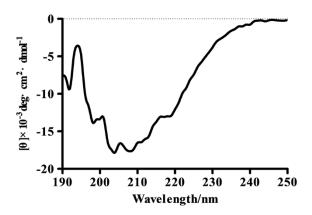
³Laboratory for Marine Fisheries Science and Food Production Processes, Qingdao National Laboratory for Marine Science and Technology, Qingdao, China

[†]These authors have contributed equally to this work.

S-Figure 1. SDS-PAGE for the Sbp8-1 protein used as the antigen and western blot of Sbp8-1.



S-Figure 2. Inhibitory activity measurement of Sbp8-1 against type IV collagenase was conducted by succinyl - gelatin method. Each assay was performed in triplicates.



S-Figure 3. Circular dichroism spectrum measurement of Sbp8-1 without Trx tag.