## **Supporting Information**

## Fucoidan isolated from Saccharina japonica inhibit LPS-induced inflammation in macrophages

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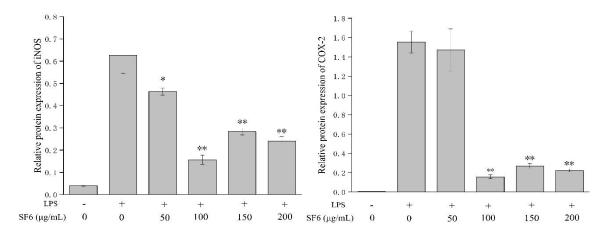


Figure S1 Effects of SF6 on the relative protein expression of iNOS and COX-2 in LPS-stimulated RAW264.7 cells.

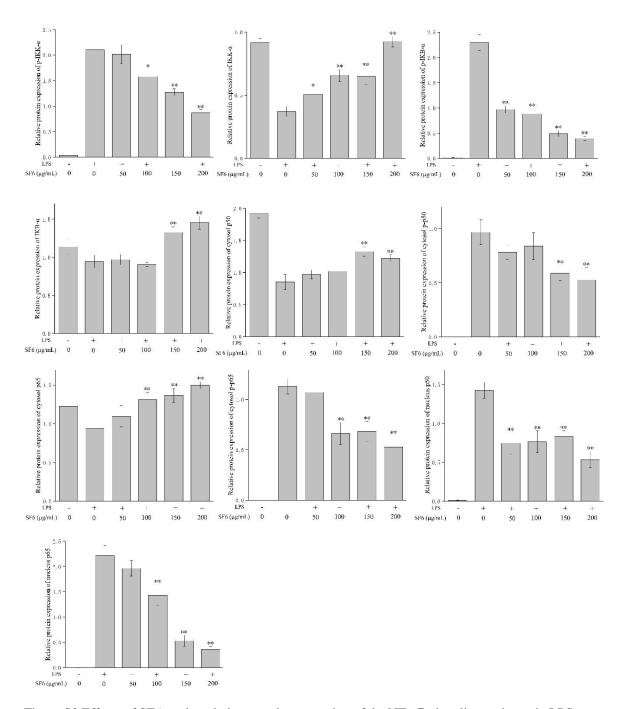


Figure S2 Effects of SF6 on the relative protein expression of the NF- $\kappa B$  signaling pathway in LPS-stimulated RAW264.7 macrophages.

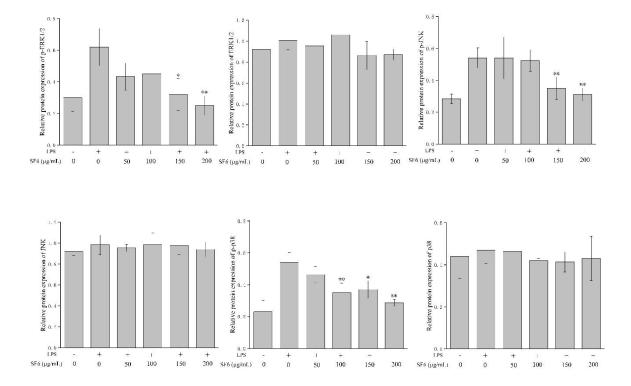


Figure S3 Effects of SF6 on the relative protein expression of the NF- $\kappa B$  signaling pathway in LPS-stimulated RAW264.7 macrophages.

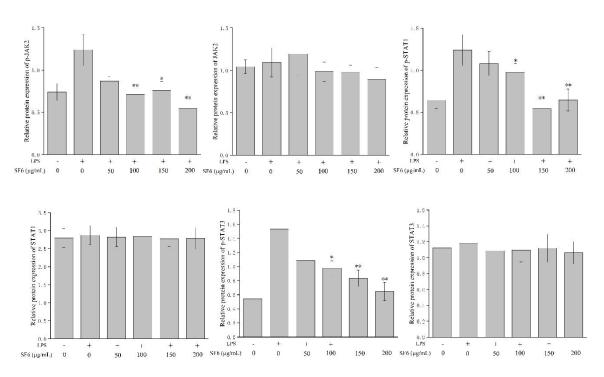


Figure S4 SF6 Effects of SF6 on the relative protein expression of the JAK2-STAT1/3 signaling pathway in LPS-stimulated RAW264.7 macrophages.