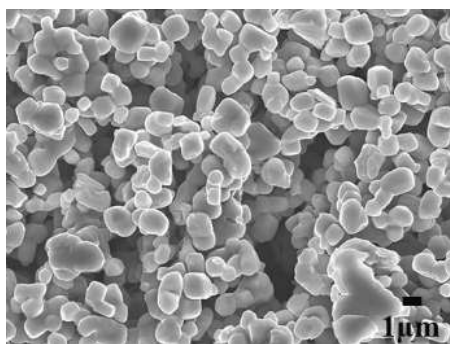


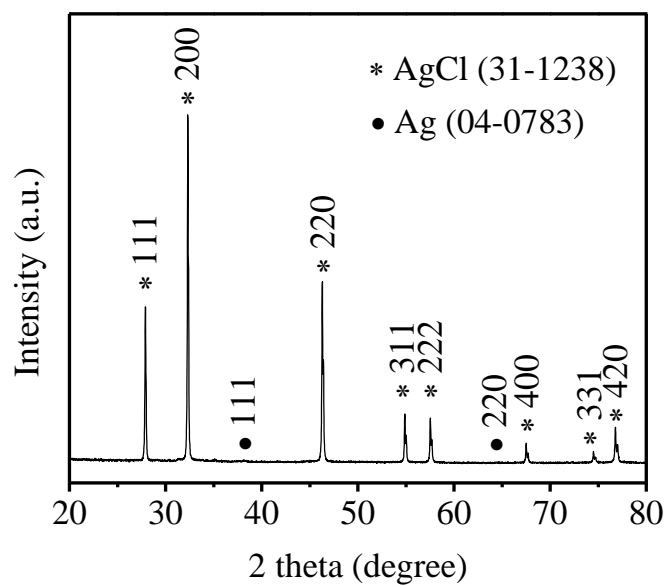
## *Supplementary Information*

### **Biomaterial-assisted synthesis of AgCl@Ag concave cubes with efficient visible-light-driven photocatalytic activity**

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**Fig. S1** SEM image of the AgCl@Ag particles prepared in the absence of agar gel.



**Fig. S2** XRD pattern of the Ag@AgCl photocatalyst after the photocatalytic degradation of MO.