## **Electronic Supplementary Information**

## Formation of octacalcium phosphate with incorporated dicarboxylate ions containing disulfide bonds

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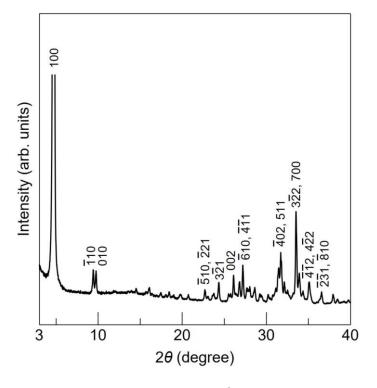
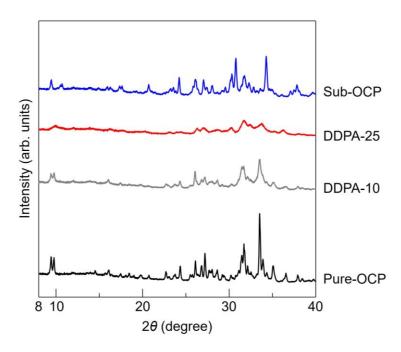


Fig. S1 XRD pattern of Pure-OCP.

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**Fig. S2** XRD patterns of Pure-OCP, DDPA-10, DDPA-25, and Sub-OCP in the  $8\text{--}40^{\circ}$  range.

Please refer to Fig. S1 for the assignment of reflection peaks for Pure-OCP. We deliberately refrained from assigning reflection peaks to DDPA-10, DDPA-25, and Sub-OCP. The rationale behind this decision is the absence of a powder diffraction file for OCP containing dicarboxylate ions.