

Supplementary Materials

Spherical Sb core/Nb₂O₅-C Double-Shell Structured Composite as an Anode Material for Li Secondary Batteries

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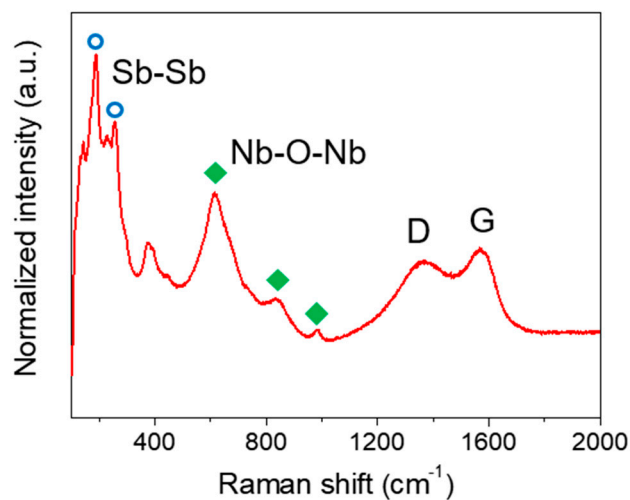


Figure S1. Raman spectrum of the synthesized material.

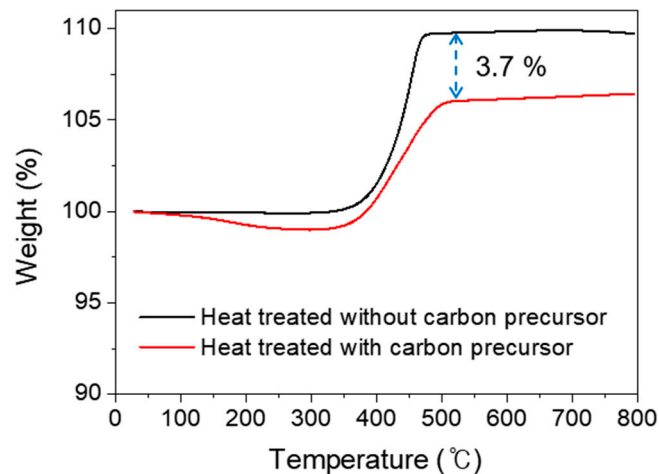


Figure S2. TGA curve of the synthesized material.

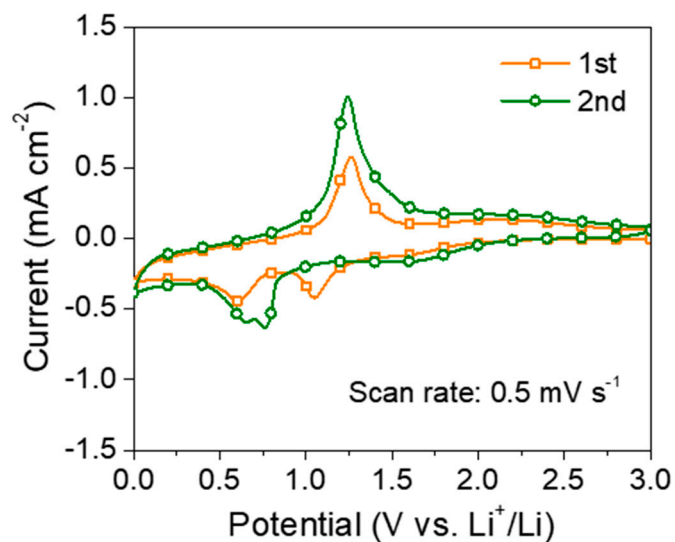


Figure S3. Cycle voltammograms of the spherical Sb core/Nb₂O₅-C double-shell structured composite electrode measured at a scan rate of 0.5 mV s⁻¹.

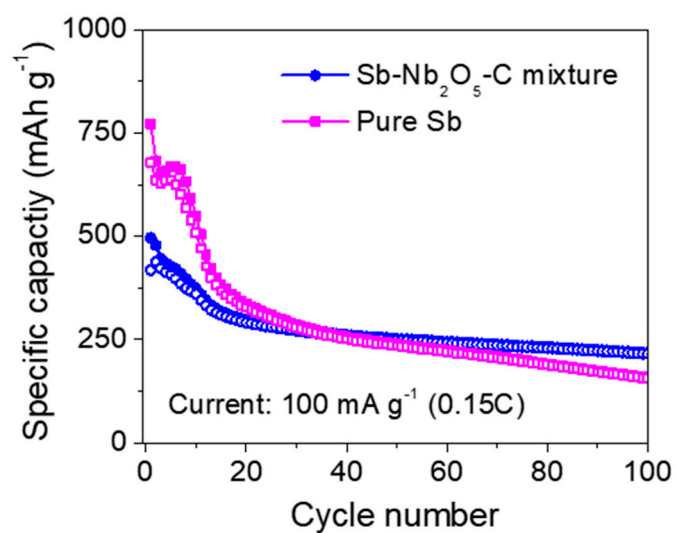


Figure S4. Cycle performance of the pure Sb and mixture (Sb: Nb₂O₅:C = 55:41:4 by wt%, determined based on the estimation of the EDS and TG analysis results) electrodes measured at a constant current of 100 mA g⁻¹ (= 0.15C).