

### Supporting Figure Captions

Fig. S1 (a) AFM image of the as-synthesized RGO, (b) the corresponding cross-section analysis of RGO on the silicon substrate

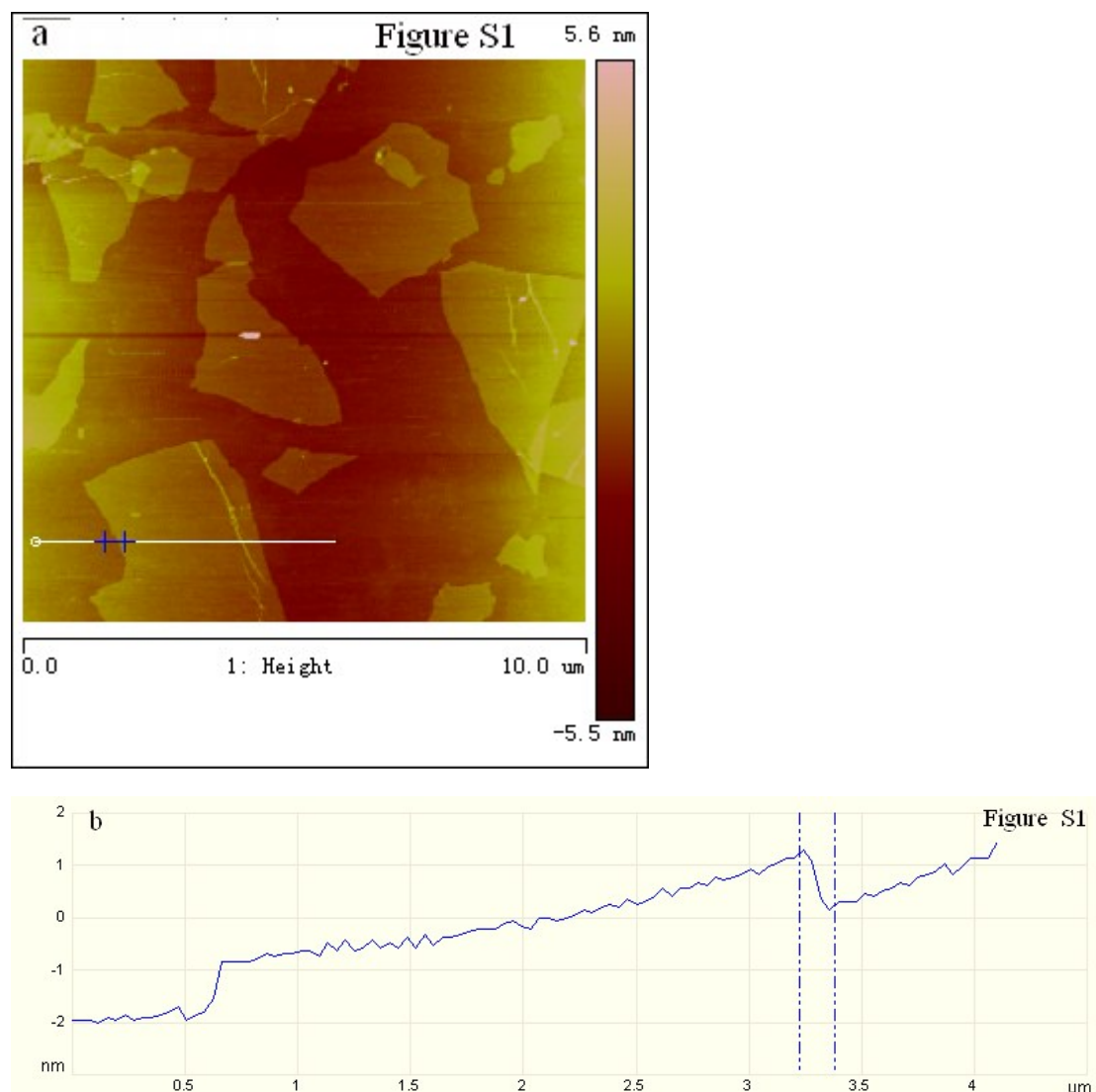


Fig. S2 FT-IR spectrum of RGO

Figure S2

