Supporting Information

Highly selective magnetic affinity purification of histidine-tagged proteins by Ni²⁺ carrying monodisperse composite microspheres

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Fig. S1 SDS-PAGE analysis showing side-by-side comparison of Ni^{2+}-IDA-GLYMO@SiO_2@Mag-SiO_2 microspheres with two selected, commercial sorbents. (A) commercial resin-1, (B) commercial resin-2, and (C) Ni^{2+}-IDA-GLYMO@SiO_2@Mag-SiO_2 microspheres.
Fig. S2 SDS-PAGE analysis of affinity purification steps of His-tagged endoglucanase (Cel5A) from *E. coli* lysate, using 10 mg of sorbent in 0.4 mL of adsorption medium at pH 7.0. Cell lysate (CL), flowthrough (F), wash 1 (W1), wash 2 (W2), Elutions 1-3 (E1-E3).