Figure S1. The elution curves of 0.05 mg/mL lysozyme solution (black line) and the supernatant (purple line) of a centrifuged MIP nanogel solution after extensively washing the MIP nanogels with 0.5 M NaCl solution and then ultrapure water. Elution of protein was detected by a UV-vis detector at 280 nm in a gel permeation chromatography system.

Clearly, there is no signal for the supernatant of the washing process at a retention time 14.11, which corresponds to the signal of lysozyme. Given that fact that the detection limit of UV analysis of protein samples is 1 μg/mL, it is estimated that more than 99.5% of lysozyme template was washed out with 0.5 M NaCl solution and ultrapure water.

The original HPLC results are enclosed (next page).
Original HPLC test results

Gel permeation chromatography system: SHIMADZU SPD-10Avp
Detector: UV-vis detector
Column: TOSOH TSK-GEL G2000SW_XL, Column No. R4985, 5µm, 7.8×300mm
Wavelength: 280 nm
Injection Volume: 20 µL
Mobile phase: 1X PBS and 1mL/min
Lysozyme concentration: 0.05mg/mL