

Construction of the lactase-sensing fibermats by encapsulating lactase-responsive fluorescent protein inside nanofibers of the poly(HPMA/DAMA)/ADH-nylon6 core-shell fibremat.

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Supporting Information

Fig. S1 400 MHz ¹H-NMR spectrum of poly(HPMA/DAMA) in D₂O.

Fig. S2 The GPC chromatogram of poly(HPMA/DAMA) was obtained using DMF as the eluent, supplemented with LiBr (0.05 (w/v)%), and a flow rate of 0.3 mL/min.

Fig. S3 The fractions obtained from the purification of eLACCO1.1 using Ni-affinity chromatography were analyzed by SDS-PAGE.

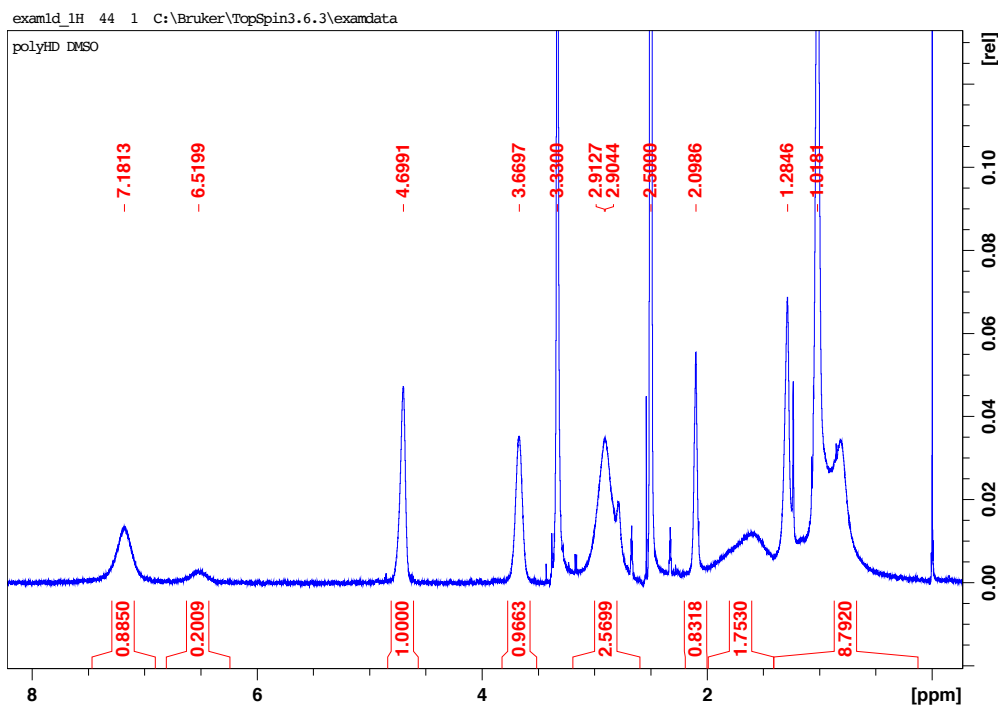


Fig. S1 400 MHz ^1H -NMR spectrum of poly(HPMA/DAMA) in D_2O .

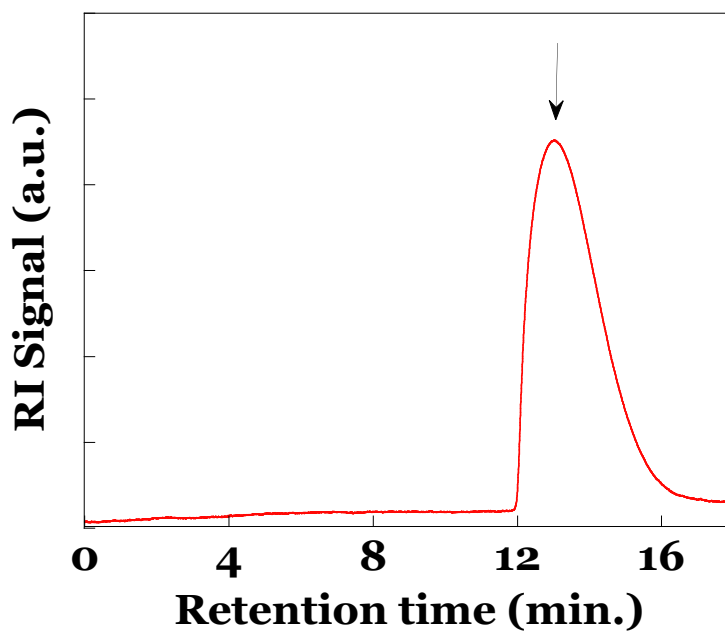


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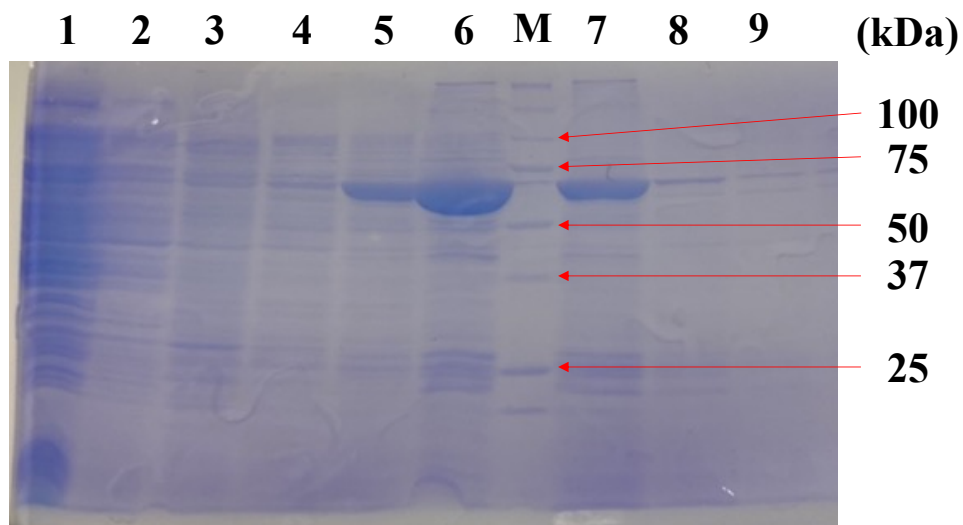


Fig. S3 The fractions obtained from the purification of eLACCO1.1 using Ni-affinity chromatography were analyzed by SDS-PAGE. The analyzed fractions include the flow-through fraction (lane 1), the binding buffer fraction (lane 2), the wash buffer fraction (lane 3), the elution fractions (lane 4, 5, 6, 8, 9, and 10), and the molecular weight standard (lane 7).