

1 **Supporting Information**

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3 **Heterofunctional epoxy support development for immobilization of fructosyltransferase**
4 **from Pectinex® Ultra SP-L: batch and continuous production of fructo-oligosaccharides**

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Fig. S1 Thermal stability of immobilized FTase on Purolite® A109 at 55 °C

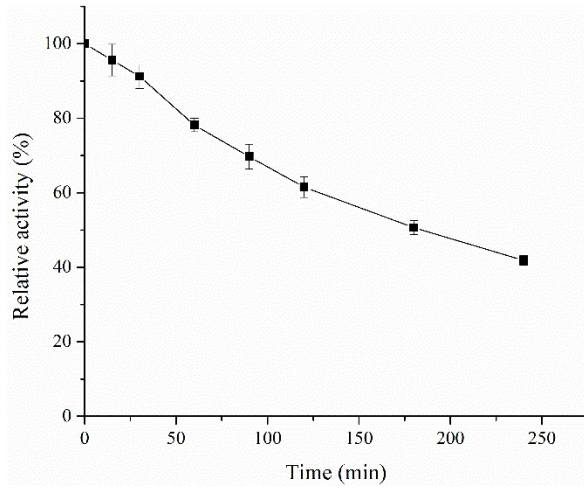


Fig. S2 Determination of inactivation rate of: (a) soluble, (b) immobilized FTase on epoxy-Purolite and (c) immobilized FTase on Purolite® A109 at different temperatures.

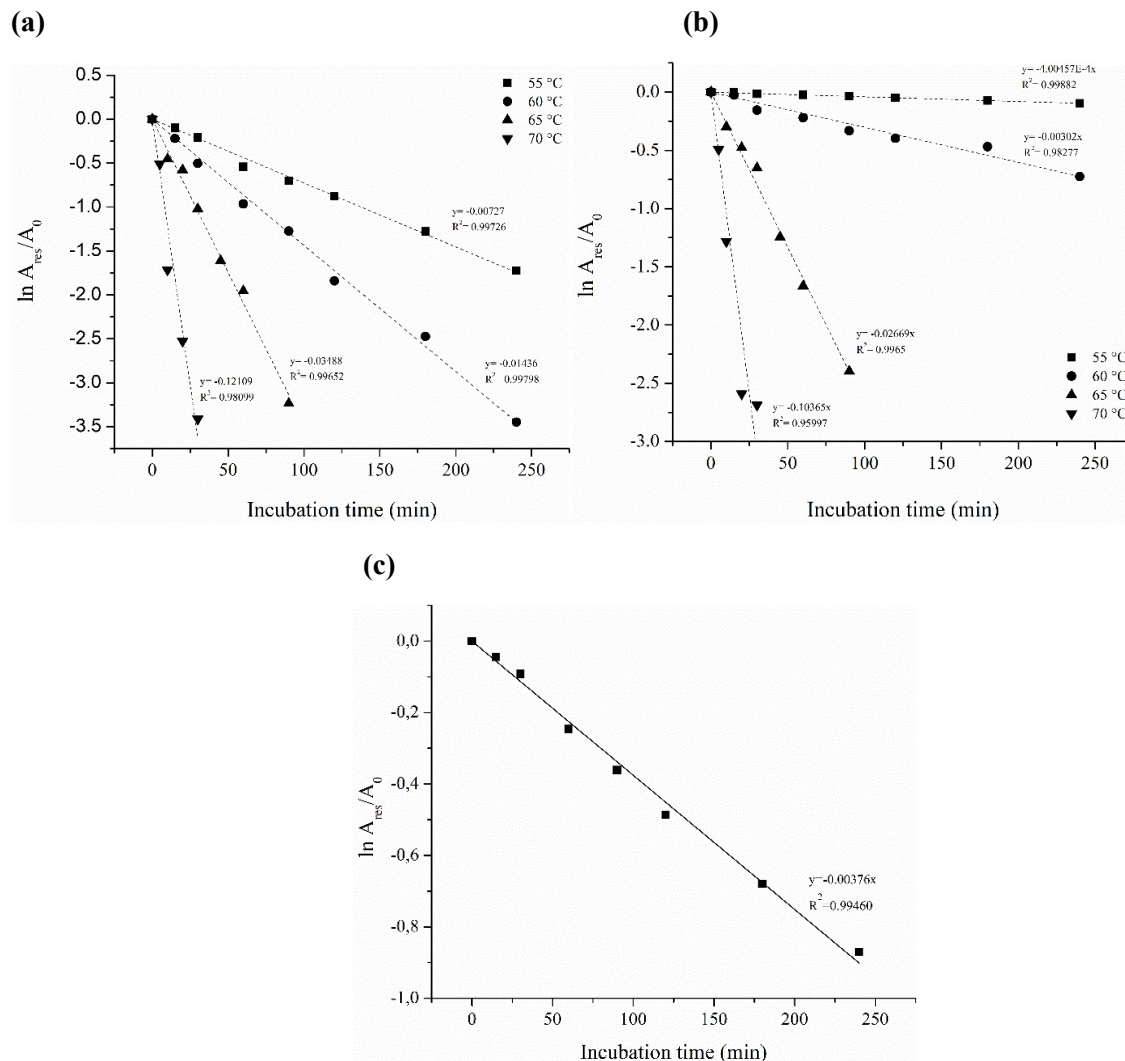


Fig. S3 Determination of Ed for soluble and immobilized FTase

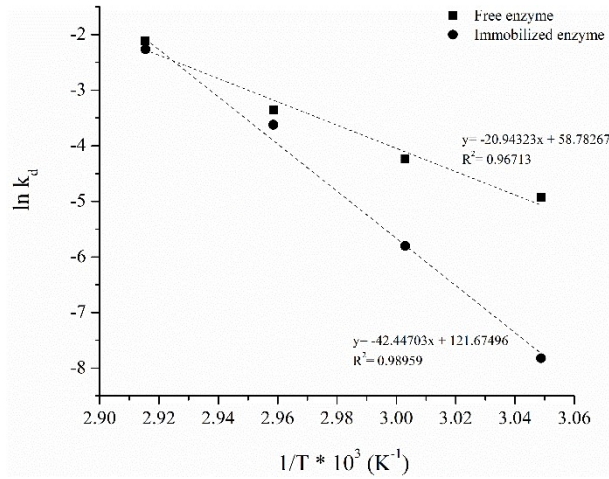


Fig. S4 SDS-PAGE electrophoresis: **Line 1** Protein ladder, **Line 2** Commercial enzyme preparation Pectinex® Ultra SP-L (2 subunits each 65kDa – FTase¹, predominant pectinase - endo-PG 38 kDa²), **Line 3** Immobilized enzyme preparation on Purolite® A109 (non-modified support), **Line 4** Immobilized enzyme preparation on epoxy-Purolite (modified support), **Line 5** Supernatant after adsorption step in case of epoxy-Purolite, **Line 6** Supernatant after adsorption in case of Purolite® A109, **Line 7** Supernatant after desorption of proteins from epoxy-Purolite, **Line 8** Supernatant after desorption of proteins from Purolite® A109.

