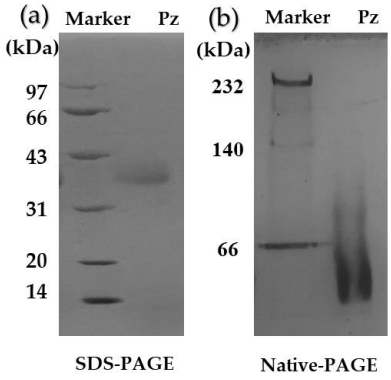

Figure S1. SDS-PAGE **(a)** analyses and native PAGE **(b)** analyses of PZ.

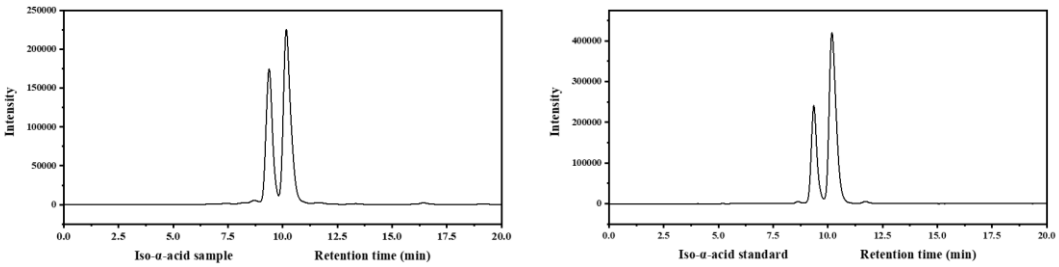

Figure S2. HPLC chromatograms of Iso-*α*-acid standard and Iso-*α*-acid sample prepared.