



FIGURE 2 Zm2-ODD7 has S5H activity. a) HPLC profiles of ZmS5H activity in *E. coli* bioconversion assays. *E. coli* cultures transformed with the empty vector or expressing ZmS5H were supplemented with SA showing 2,5-DHBA production. b) *In vitro* ZmS5H activity assayed with SA as a substrate. HPLC analysis is shown for *E. coli* protein crude extracts obtained from cells transformed with the empty vector or expressing ZmS5H. c and d) HPLC analysis of authentic standards: 2,3-DHBA, 2,5-DHBA (c) and SA (d). mAU, Milliabsorbance units.