Original images for blots and gels

Fig4_B_raw_images

Effect of 1/2MIC of ISL on the expression of IGPD protein in *S. xylosus*. Line 1: Control; Line 2: 1/2MIC ISL.
Preparation of IGPD: SDS-PAGE gel analysis of IGPD expression as induced by the presence or absence IPTG. Lane 1: Protein molecular mass marker; lane 2: The lysates of BL21 (DE3) cells containing pET30a-IGPD without IPTG; Lane 3: The lysates of BL21 (DE3) cells containing pET30a-IGPD with IPTG; Lane 4: The supernatants of BL21 (DE3) cells containing pET30a-IGPD with IPTG; Lane 5: The precipitates of BL21 (DE3) cells containing pET30a-IGPD with IPTG.
SDS-PAGE gel analysis of purified IGPD. The IGPD protein was purified by a Ni Sepharose 6 Fast Flow column. Lane 1: IGPD; lane 2: Protein molecular mass marker.