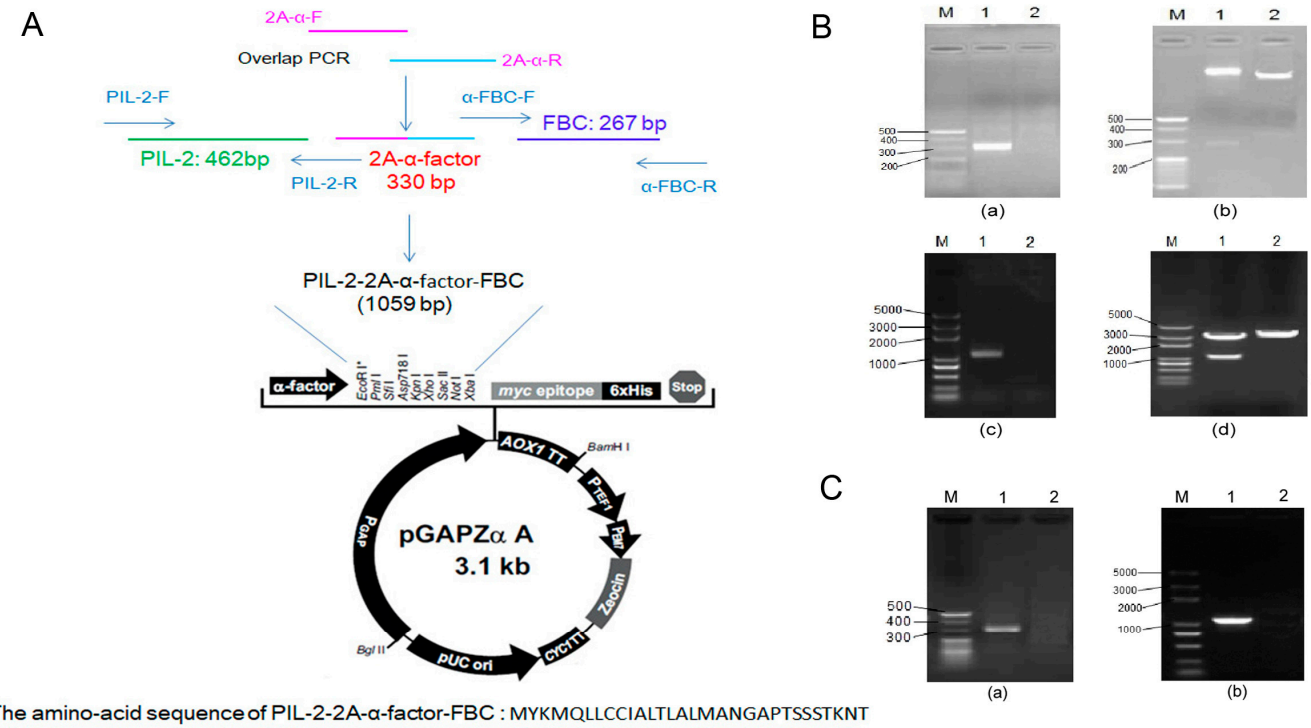

The amino-acid sequence of PIL-2-2A-α-factor-FBC : MYKMQLLCCIALTLALMANGAPTSSSTKNT KKQLEPLLLDLQLLLKEVKNYENADLSRMLTFKFYMPKQATELKHLQCLVEELKALEGVLNLGQSKNSDSANIKES MNNINVTVLELKGSETSFKCEYDDETVTAVEFLNKWITFCQSIYSTLTGSGEGRGSLLTCGDVEENPGPMRFPSIFT AVLFAASSALAAPVNTTTEDETAQIPAEAVIGYSDLEGDFDVAVLPFSNSTNNGLLFINTTIASIAAKEEGVSLEKREA EARLARIVVIRVARGSGDDDDKVQRWLIVWRIRKGSGDDDDKILPWKWPWWPWRRGGSGDDDDKILAWKW AWWAWRRGSGDDDDKHHHHHH

supplementary materials:

Figure S1. The flow diagram of recombinant plasmid pGAPZαA-PIL2-FBC construction (A), electrophoretic analysis of *Pichia pastoris* recombinants (1% agarose gel) (B) and RT-PCR of Pichia pastoris recombinants (1% agarose gel)(C). (Ba) Lane M: 20bp DNA ladder marker; Lane 1: Electrophoresis of the PCR fragment of pGAPZαA-FBC. Lane 2: PCR product of pGAPZαA plasmid. (Bb) Lane M: 20bp DNA ladder marker; Lane 1: Electrophoretic identification of double digested pGAPZαA-FBC/EcoRI+Xbal. Lane 2: pGAPZαA plasmid. (Bc) Lane M: Trans 2K plus DNA ladder marker; Lane 1: Electrophoresis of the PCR fragment of pGAPZαA- PIL-2/FBC. Lane 2: PCR product of pGAPZαA plasmid. (Bd) Lane M: Trans 2K plus DNA ladder marker; Lane 1: Electrophoretic identification of double digested pGAPZαA- PIL-2/FBC /EcoRI+Xbal. Lane 2: pGAPZαA plasmid. (Ca) Lane M: 20bp DNA ladder marker; Lane 1: Electrophoresis of the RT-PCR fragment of SMD-pGAPZαA-B (FBC). Lane 2: RT-PCR fragment of SMD-pGAPZαA. (Cb) Lane M: Trans 2K plus DNA ladder marker; Lane 1: Electrophoresis of the RT-PCR fragment of SMD-pGAPZαA-IL2-B (PIL-2/FBC). Lane 2: RT-PCR fragment of SMD-pGAPZαA.