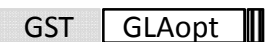
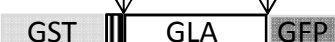
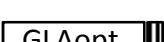


A

Plasmid name	Recombinant GLA	Cell compartment	Size	Molecular weight
a) pReceiver-B01-GLA		cytoplasm	435 aa	49.6 kDa
b) pGEX4T2-GLA		cytoplasm	640 aa	73.6 kDa
c) pGEX4T2-Opt-GLA		cytoplasm	640 aa	73.6 kDa
d) pGEX4T2-GLA-GFP		cytoplasm	876 aa	100.1 kDa
e) pPM13psDs-GLA		periplasm	405 aa	46.3 kDa

B

1. MQLRNPELHL GCALALRFLA LVSWDIPGAR
31. ALDNGLARTP TMGWLHWERF MCNLDCQEEP
61. DSCISEKLFM EMAELMVSEG WKDAGYEYLC
91. IDDCWMAPQR DSEGRLQADP QRFPHGIRQL
121. ANYVHSKGLK LGIYADVGNK TCAGFPGSFG
151. YYDIDAQTFA DWGVDLLKFD GCYCDSLENL
181. ADGYKHMSLA LNRTGRSIVY SCEWPLYMWP
211. FQKPNYTEIR QYCNHWRNFA DIDDSWKSII
241. SILDWTSFNQ ERIVDVAGPG GWNDPDMLVI
271. GNFGLSWNQQ VTQMALWAIM AAPLFMSNDL
301. RHISPQAKAL LQDKDVIAIN QDPLGKQGYQ
331. LRQGDNFEVW ERPLSGLAWA VAMINRQEIG
361. GPRSYTIAVA SLGKGVACNP ACFITQLLPV
391. KRKLGFYEWTSRLRSHINPT GTVLLQLENT
421. MQMSLKDLL

Fig. 1

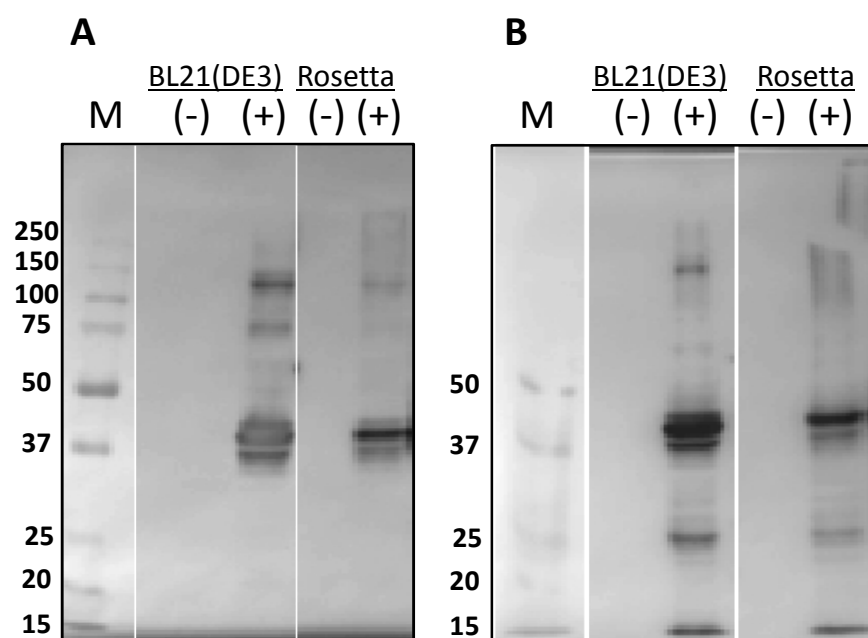


Fig. 2

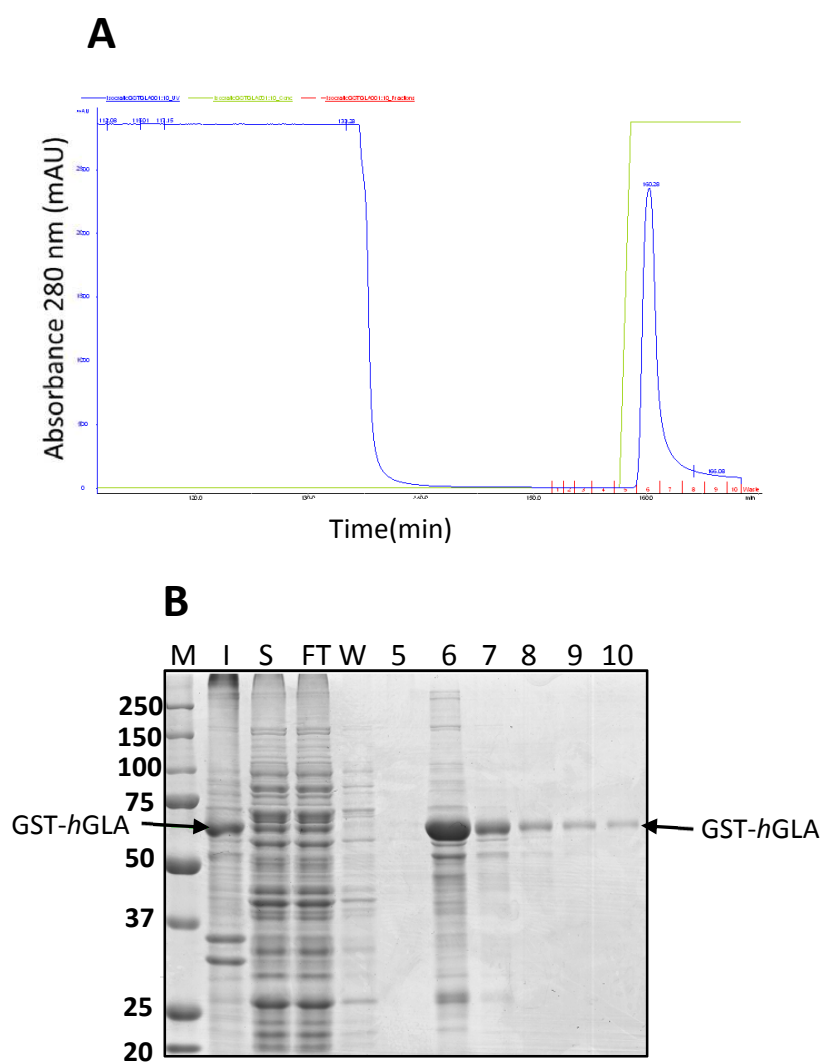


Fig. 3

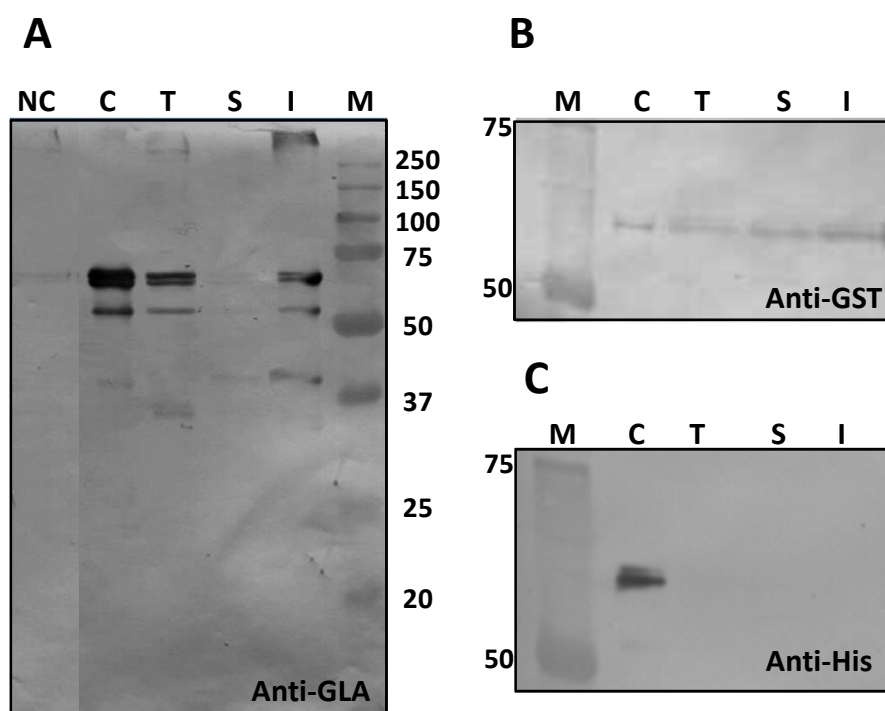


Fig. 4

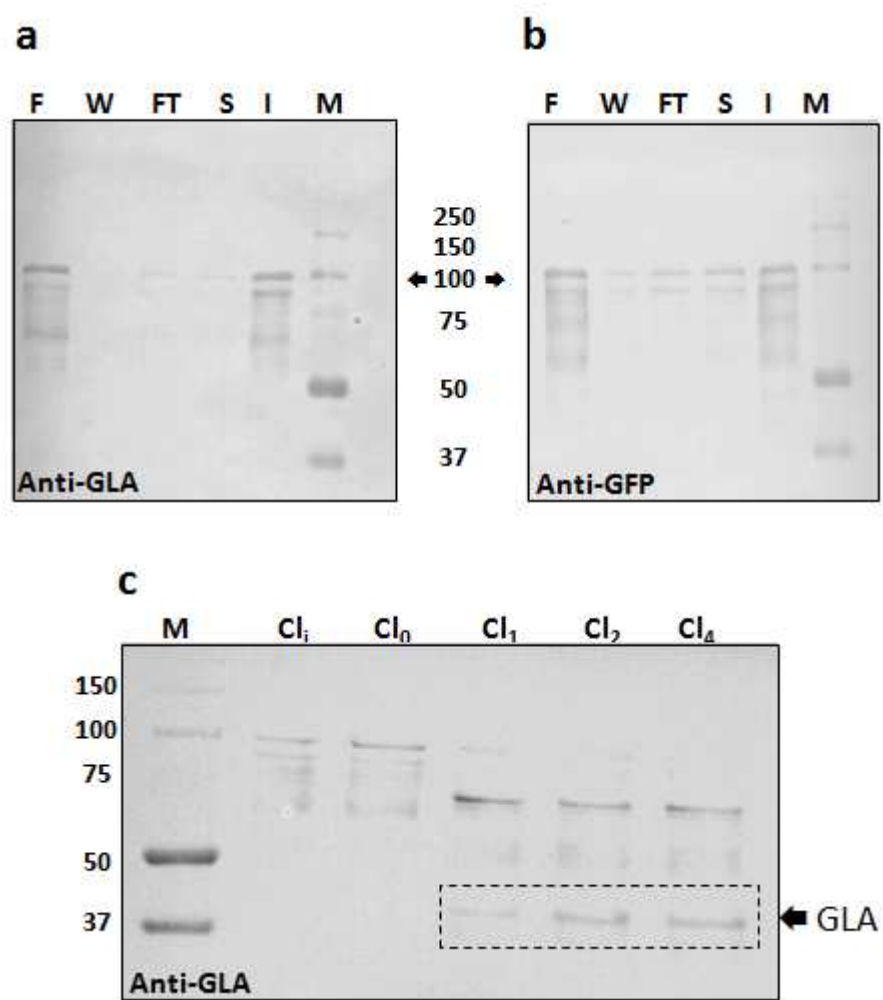


Fig. 5

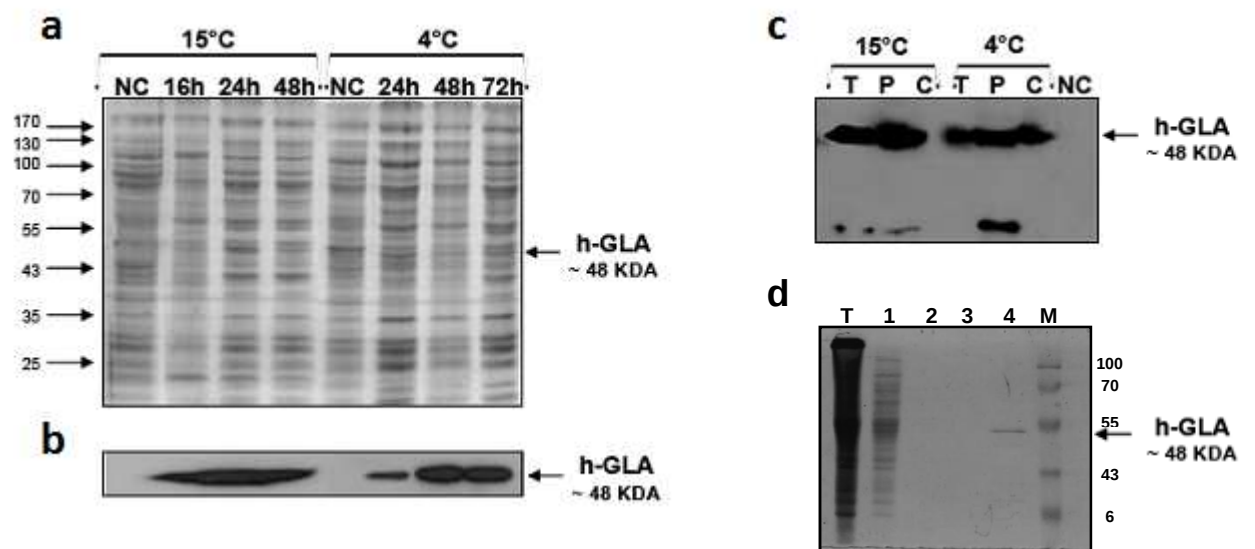


Fig. 6