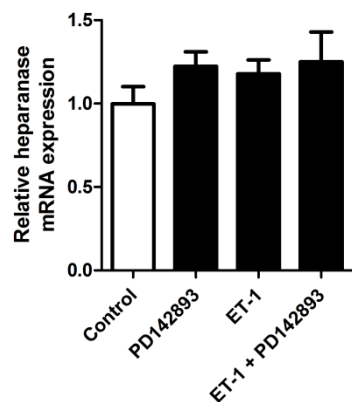
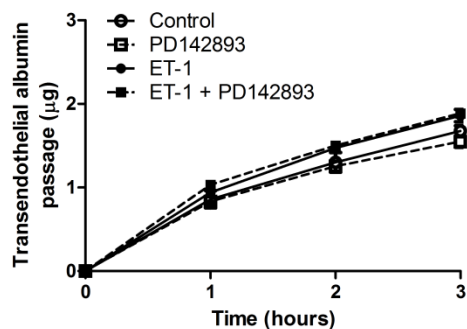


## Supplementary figure 1

**A**



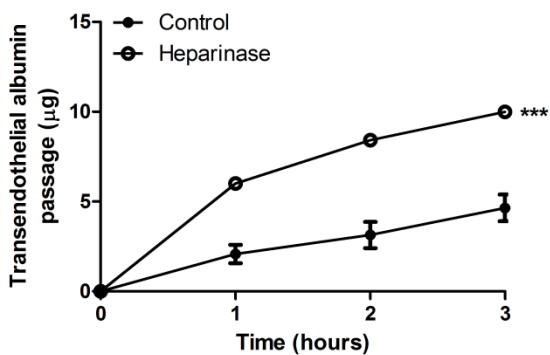
**B**



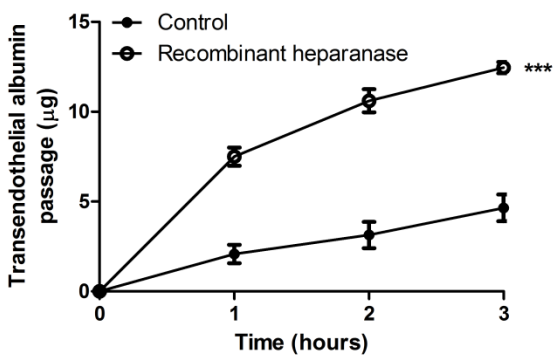
**Supplementary figure 1: Endothelin-1 did not affect heparanase mRNA expression and transendothelial albumin passage in mouse glomerular endothelial cells.** Cultured mGEnC-1 were treated with endothelin-1 in the absence or presence of the combined ERA PD 142893 for 18 hours. Endothelin-1 did not affect **(A)** heparanase mRNA expression and **(B)** transendothelial albumin passage. **(A)** Each bar represents  $n=4$ ; mean  $\pm$  SEM; analyzed by a one-way ANOVA. **(B)** Each dot represents  $n=3$ ; mean  $\pm$  SEM; analyzed by a two-way repeated measures ANOVA. ERA; endothelin receptor antagonist, ET-1; endothelin-1, HPSE; heparanase, mGEnC-1; mouse glomerular endothelial cells.

## Supplementary figure 2

**A**



**B**



**Supplementary figure 2: Bacterial heparinase and recombinant heparanase induce transendothelial albumin passage in mouse glomerular endothelial cells.** Cultured mGEnC-1 were treated with (A) bacterial heparinase or (B) recombinant heparanase for 1 hour, which resulted in an increased transendothelial albumin passage. Each dot represents  $n=3$ ; mean  $\pm$  SEM; analyzed by a two-way repeated measures ANOVA. \*\*\* $P<0.001$  versus control. mGEnC-1; mouse glomerular endothelial cells.