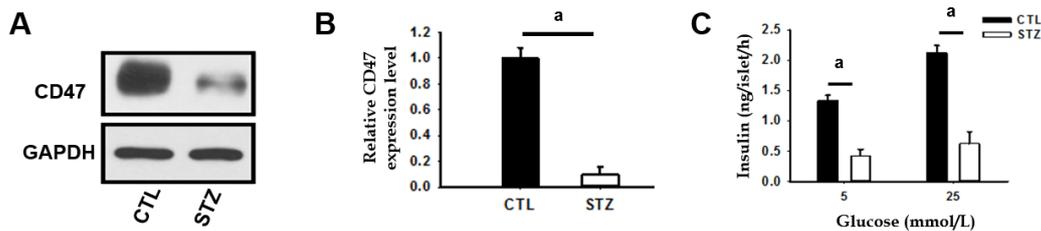


Supplementary Figure 1 Physiological index test of streptozotocin-diabetes model. A: Plasma glucose increased started from 5th day after streptozotocin injection; B: Body weight increased slowly with streptozotocin treatment. STZ: Streptozotocin.



Supplementary Figure 2 STZ effect on isolated pancreas islet beta cells accompany reduced CD47 expression *in vitro*. A: Western blotting revealed isolated pancreas islet beta cells CD47 protein level greatly decreased with STZ treatment *in vitro*; B: Statistics datas; C: Insulin secretion significantly decreased with STZ stimulation. GAPDH served as a loading control. Western blot analysis represents the results of one experiment, representative of three independent experiments. Student's *t*-test was performed. ^a*P* < 0.01 *vs* CTL. CTL, control. CD47: Cluster of differentiation 47; STZ: Streptozotocin.