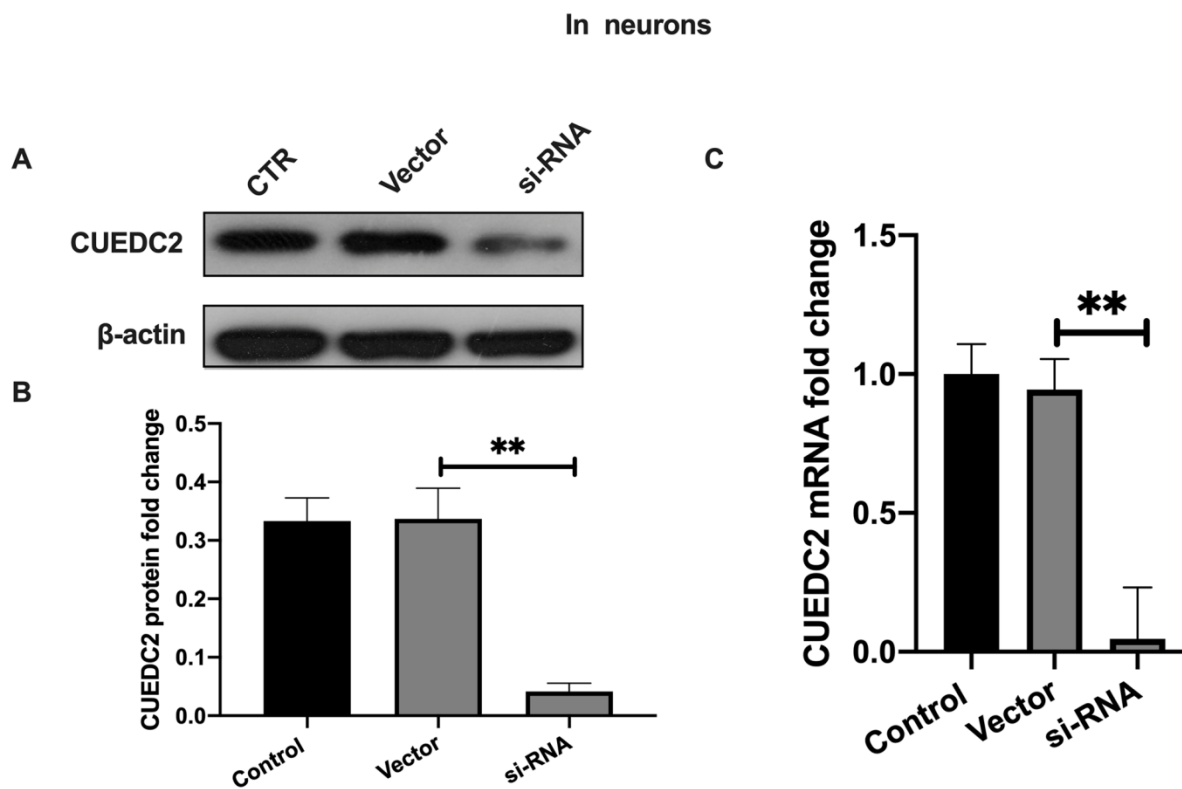
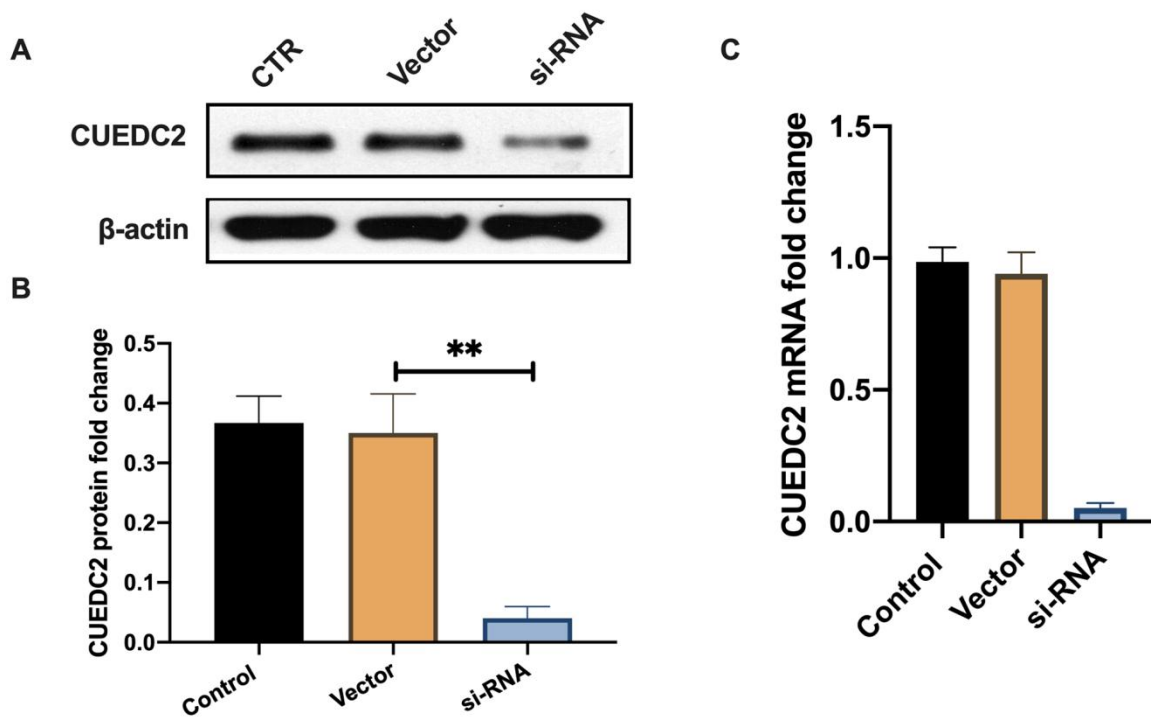


SUPPLEMENTARY FIGURES



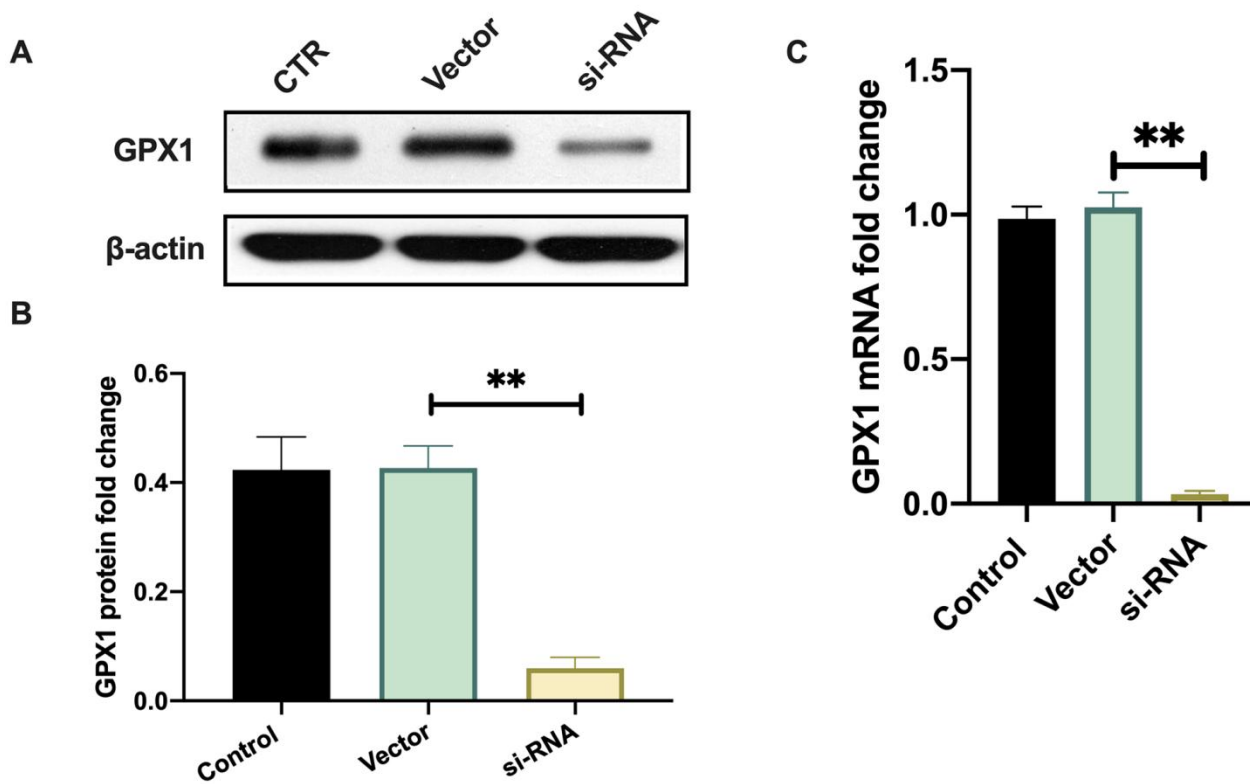
Supplementary Figure 1. Western blot and PCR analysis of CUEDC2 expression in CUEDC2 knocked-down neurons. (A, B) siRNA transfection efficiency determination in CUEDC2 protein and mRNA expression in knocked-down neurons. **(C)** siRNA transfection efficiency determination in CUEDC2 mRNA expression in knocked-down neurons. All data are presented as the mean value \pm SD (n=3). Compared with the control group: $**P<0.01$; Compared with the control group and vector group: $*P<0.05$, $**P<0.01$.

In MSCs



Supplementary Figure 2. Western blot and PCR analysis of CUEDC2 expression in CUEDC2 knocked-down MSCs. (A, B) siRNA transfection efficiency determination in CUEDC2 protein expression in knocked-down MSCs. (C) siRNA transfection efficiency determination in CUEDC2 mRNA expression in knocked-down MSCs. All data are presented as the mean value \pm SD (n=3). Compared with the control group: **P<0.01; Compared with the control group and vector group: *P<0.05, **P<0.01.

In MSCs



Supplementary Figure 3. Western blot and PCR analysis of GPX1 expression in GPX1 knocked-down MSCs. (A, B) siRNA transfection efficiency determination in GPX1 protein expression in knocked-down MSCs. (C) siRNA transfection efficiency determination in GPX1 mRNA expression in knocked-down MSCs. All data are presented as the mean value \pm SD (n=3). Compared with the control group: **P<0.01; Compared with the control group and vector group: *P<0.05, **P<0.01.