

CST-K13

Human GIRK(Kir3.1+3.4) channel stable cell line

Gene name: KCNJ3, KCNJ5

Host cell: HEK293

Quantity: 2 x 1 ml

Storage: Frozen under liquid N₂

Growth media: DMEM, 10% FBS

Platform: Manual patch clamp, Automated patch clamp

Note: GIRK channels hyperpolarize neurons, reducing membrane excitability.¹

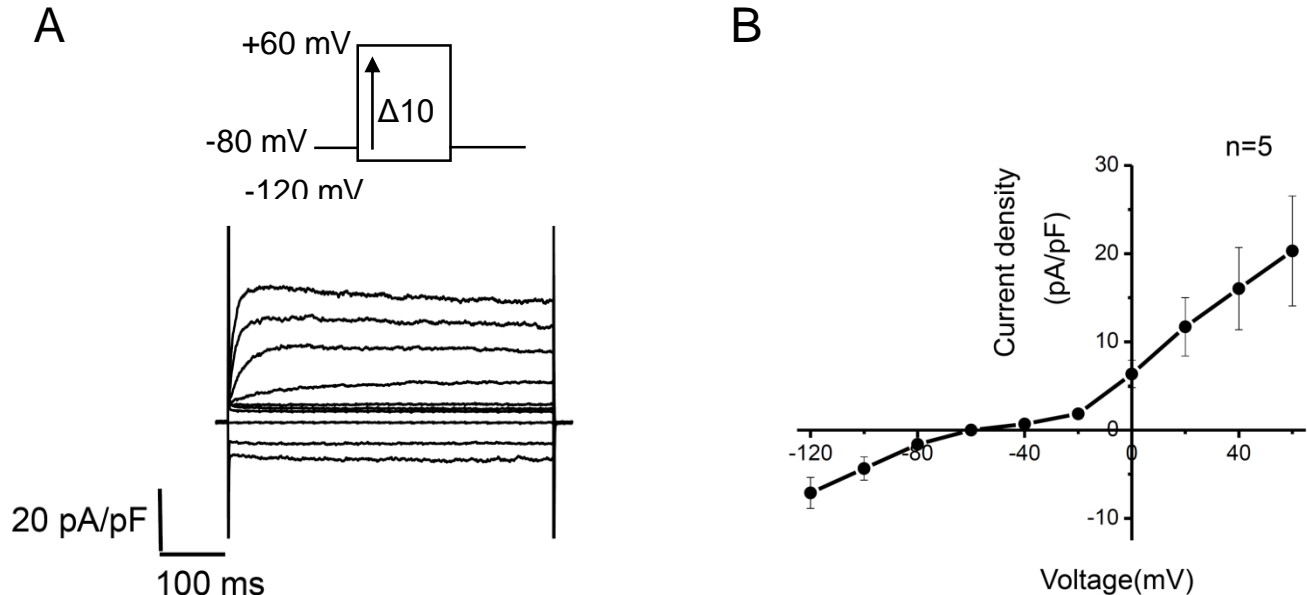


Figure: All data were obtained from manual whole-cell patch-clamp recordings. A) Recording of hGIRK currents. B) Current density of hGIRK channel stable cells.

1. Christian Lüscher & Paul A. Slesinger, Emerging roles for G protein-gated inwardly rectifying potassium (GIRK) channels in health and disease. *Nature Reviews Neuroscience* (2010)