

CST-K4

Human Kv4.3 channel stable cell line

Gene name: KCND3
 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: Kv4.3 channel underlies a significant fraction of the transient outward current in human ventricular myocytes.¹

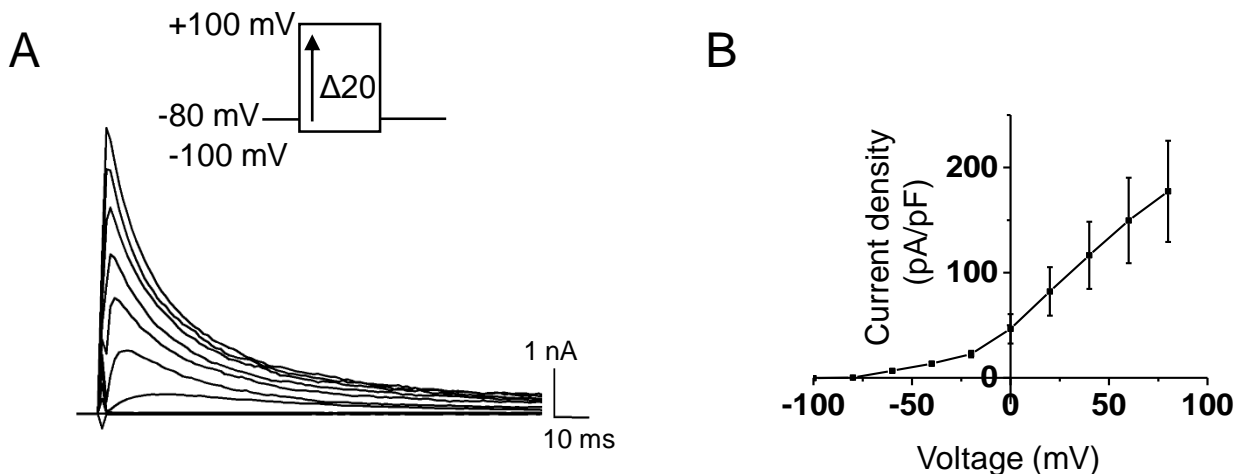


Figure: All data were obtained from manual whole-cell patch-clamp recordings.
 A) Recording of hKv4.3 currents. B) Current density of hKv4.3 channel stable cells.

1. Jane E. Dixon et al., Role of the Kv4.3 K⁺ Channel in Ventricular Muscle. *Circulation Research*. (1996)