

CST-K11

Human Kir2.1 channel stable cell line

Gene name:	KCNJ2
Host cell:	HEK293
Quantity:	2 x 1 ml
Storage:	Frozen under liquid N ₂
Growth media:	DMEM, 10% FBS
Platform:	Manual patch clamp, Automated patch clamp
Note:	Kir2.1 is essential in the generation of the cardiac inward rectifier current (I_{K1}). ¹

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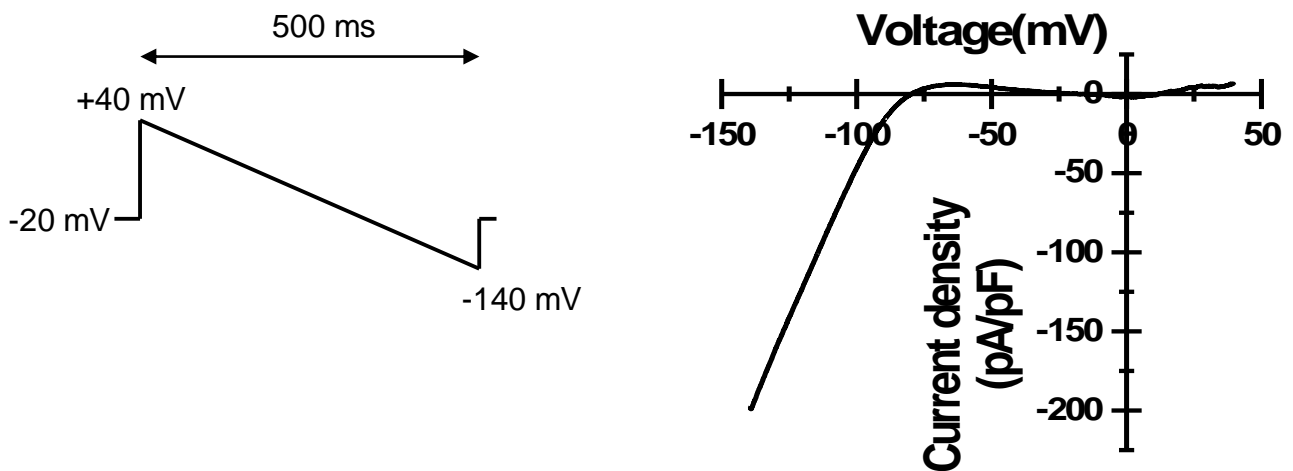


Figure: All data were obtained from manual whole-cell patch-clamp recordings.
A) Current density of Kir2.1 channel stable cells.

1. Junichiro Miake et al., Functional role of inward rectifier current in heart probed by Kir2.1 overexpression and dominant-negative suppression. *J Clin Invest.*, (2003)