

## CST-K9

### Human TREK1 channel stable cell line

Gene name:	KCNK2
Host cell:	HEK293
Quantity:	2 x 1 ml
Storage:	Frozen under liquid N <sub>2</sub>
Growth media:	DMEM, 10% FBS
Platform:	Manual patch clamp, Automated patch clamp
Note:	TREK-1 is a two-pore-domain background potassium channel expressed throughout the central nervous system. <sup>1</sup>

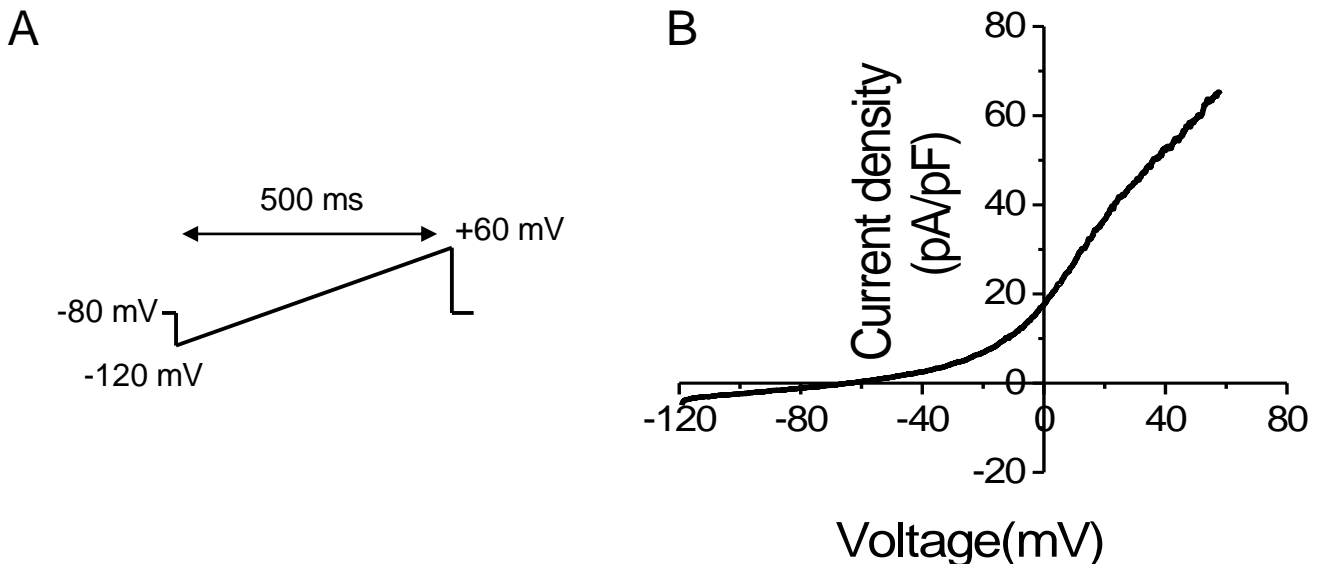


Figure: All data were obtained from manual whole-cell patch-clamp recordings.

A) Pulse protocol of hTREK1 current measurements.

B) Current density of hTREK1 channel stable cells.

1. C Heurteaux et al., TREK-1, a K<sup>+</sup> channel involved in neuroprotection and general anesthesia. The EMBO Journal (2004)