

## HCN4 ion channel cell line

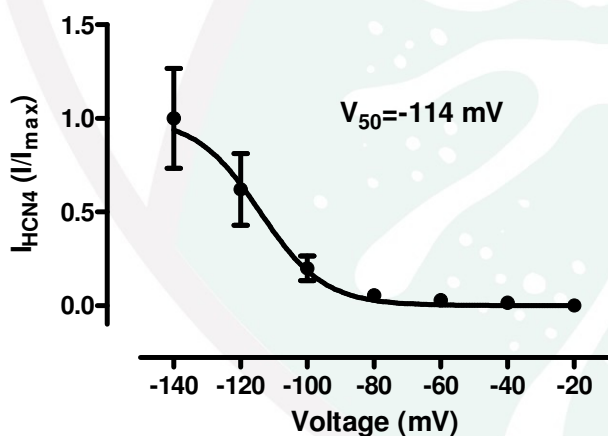
### Product Information

Catalogue ref: SB-HEK-HCN4

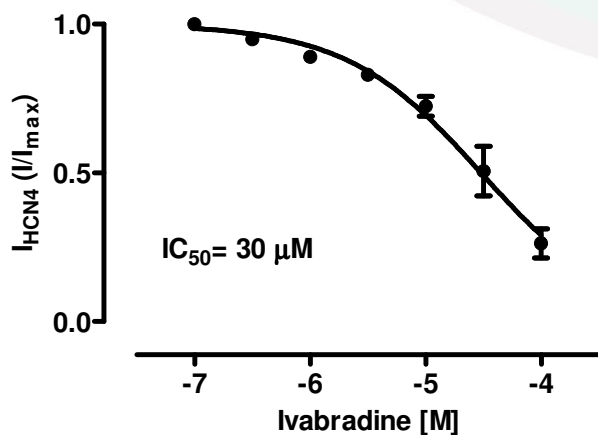
Species: Human

Host cell: HEK293

Quantity: 2 x 1ml ( $1 \times 10^6$  cells/ml)



**Figure 1:** Voltage-dependent activation of HCN4 currents ( $I_{HCN4}$ ) obtained from stably transfected HEK-293 cells (peak current amplitude at -140mV:  $-2570 \pm 690$  pA).



**Figure 2:** Concentration-dependent effect of antagonist Ivabradine (at -140mV) on HEK-293 cells stably transfected with HCN4 channels. Calculated  $IC_{50}$  value approximately 30  $\mu$ M.

*Further validation data available on request.*

