

Nav1.2 ion channel cell line

Product Information

Catalogue ref: SB-HEK-Nav1.2 ($\alpha + \beta 1$)

Species: Human

Host cell : HEK293

Quantity: 2 x 1ml (1×10^6 cells/ml)

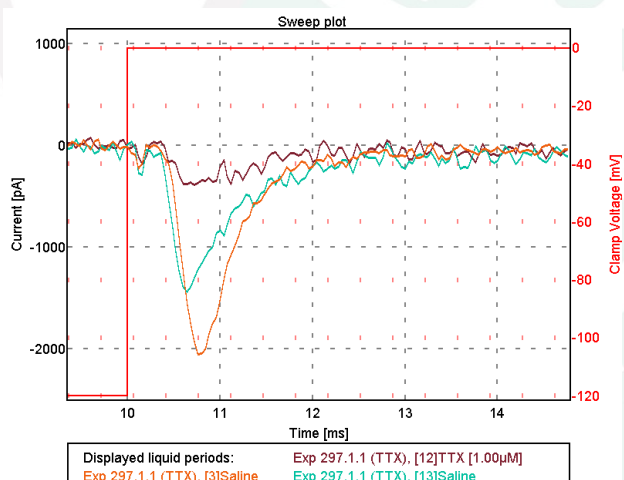


Figure 1: Effect of TTX on sodium current measured from a cell stably transfected with hNav_v 1.2 channel. Absolute sodium currents (pA) in the presence and absence of TTX (1 μ M) have been shown and described in the legend. Cell was stimulated with voltage pulses from -120 to 0 mV (red line).

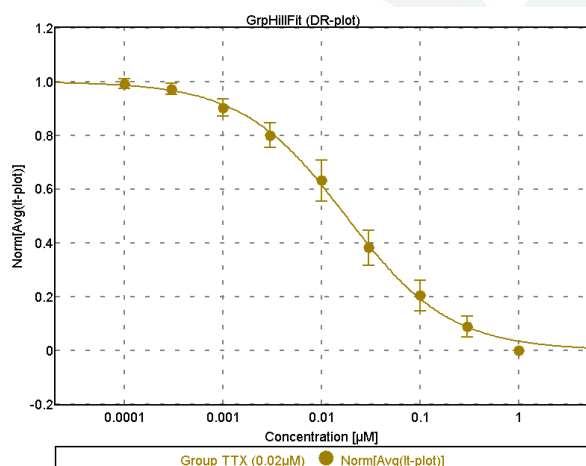


Figure 2: Concentration-dependent effects of TTX (0.0001-1 μ M) on I_{Na} currents (pA) obtained from HEK-293 cells stably transfected with human Nav_v 1.2 channel. Calculated IC_{50} value was approximately 20 nM (n=8).

Further validation data available on request.

