

Cav3.2 ion channel cell line

Product Information

Catalogue ref: SB-HEK-Cav3.2

Species: Human

Host cell: HEK293

Quantity: 2 x 1ml (1x10⁶ cells/ml)

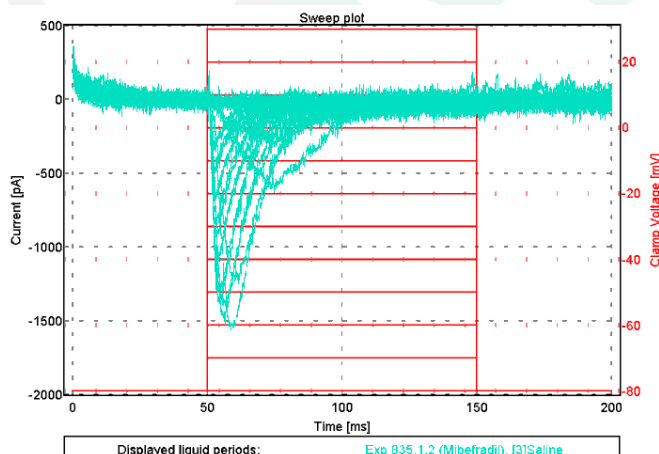


Figure 1: Representative current-voltage relationship of human Ca_v3.2 channel obtained from a stably transfected HEK-293 cell. Superimposed voltage and current traces have been highlighted in green and red, respectively.

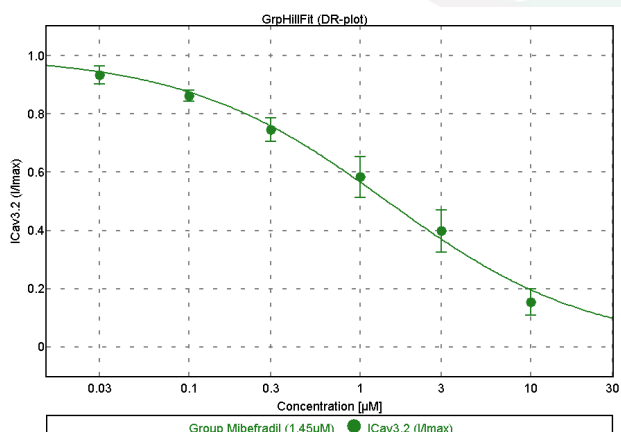


Figure 2: Concentration-dependent effects of Mibefradil on I_{Ca} currents (pA) obtained from HEK-293 cells stably transfected with human Ca_v3.2 channels. Calculated IC₅₀ value was approximately 1.45 µM (n=3).

Further validation data available on request.

