

Rat TRPA1 ion channel cell line

Product Information

Catalogue ref: SB-HEK-ratTRPA1

Species: Rat

Host cell: HEK293

Quantity: 2 x 1ml (1x10⁶ cells/ml)

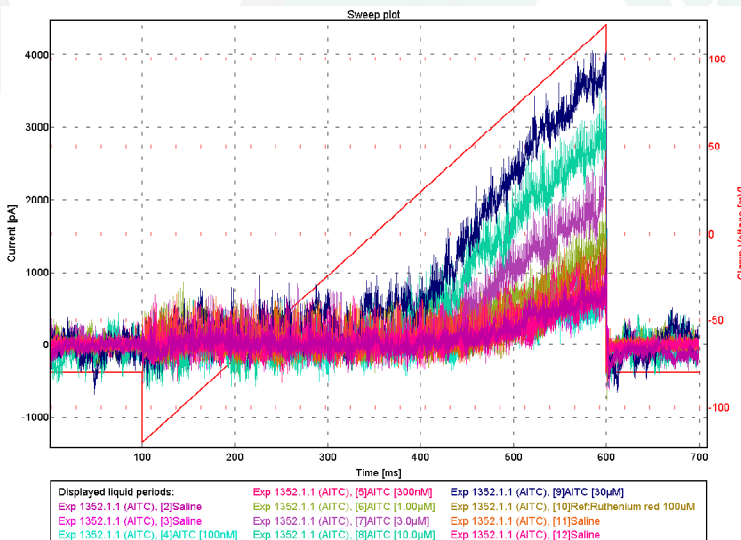


Figure 1: Representative example of superimposed voltage and current traces showing the outward rat TRPA1 current in the presence of increasing concentrations of AITC. The current was evoked by a series of voltage ramps from -120 mV to +120 mV, every 5 seconds, from a holding potential of -80 mV.

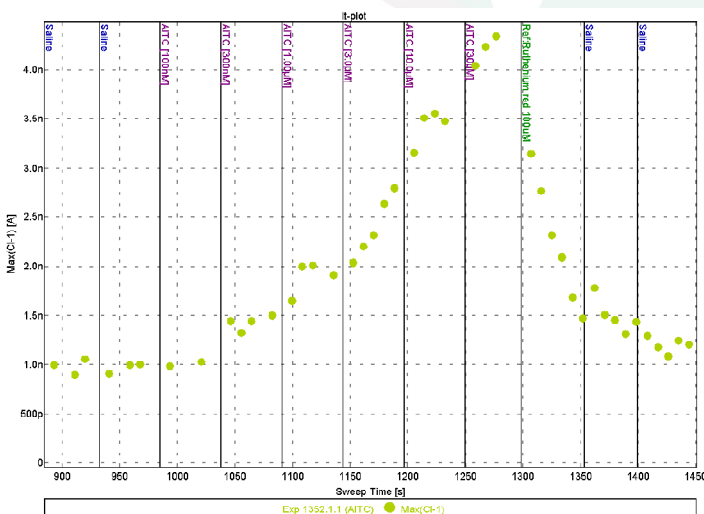


Figure 2: Example of a plotted time course of effect of increasing concentrations of AITC on rat TRPA1 currents. The current was evoked by a series of voltage ramps from -120 mV to +120 mV, every 5 seconds, from a holding potential of -80 mV. The maximum outward current at +120 mV is shown. The antagonist, Ruthenium Red (100 µM) was used to block the rat TRPA1 current.

Further validation data available on request.

