

Mouse TRPM5 ion channel cell line

Product Information

Catalogue ref: SB-CHO-mouseTRPM5

Species: Mouse

Host cell: CHO

Quantity: 2 x 1ml (1x10⁶ cells/ml)

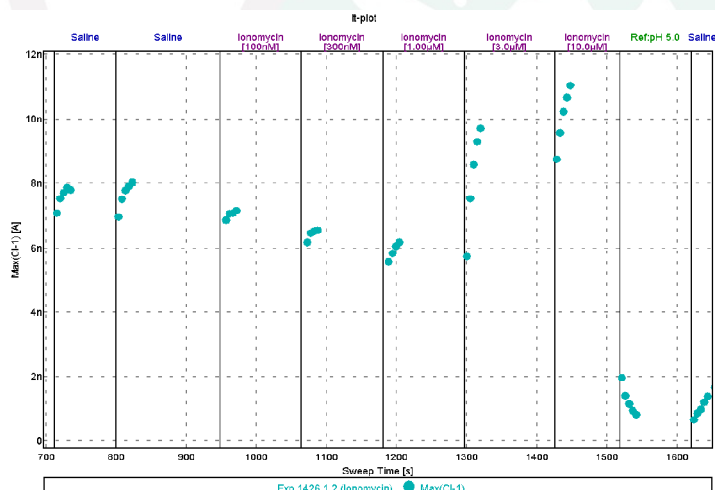


Figure 1: Example of a plotted time course of effect of free internal Ca²⁺ concentration (10 μM) in combination with increasing concentrations of ionomycin on mouse TRPM5 currents. The currents were monitored by a series of voltage ramps from -100 mV to +100 mV, every 5 seconds, from a holding potential of -60 mV. The maximum outward current at +100 mV is shown. A pH of 5.0 was used to block mouse TRPM5 currents

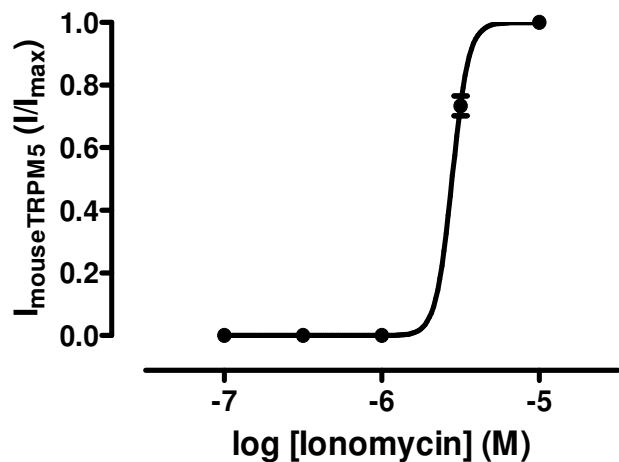


Figure 2: Graph of the normalised response of externally applied ionomycin in combination with an internal free Ca²⁺ concentration of 10 μM obtained from CHO cells stably expressing mouse TRPM5 channels. The calculated ionomycin EC₅₀ was approximately 3μM.

Further validation data available on request.

