

TRPC7 ion channel cell line

Product Information

Catalogue ref: SB-HEK-TRPC7

Species: Human

Host cell: Inducible HEK

Quantity: 2 x 1ml (1x10⁶ cells/ml)

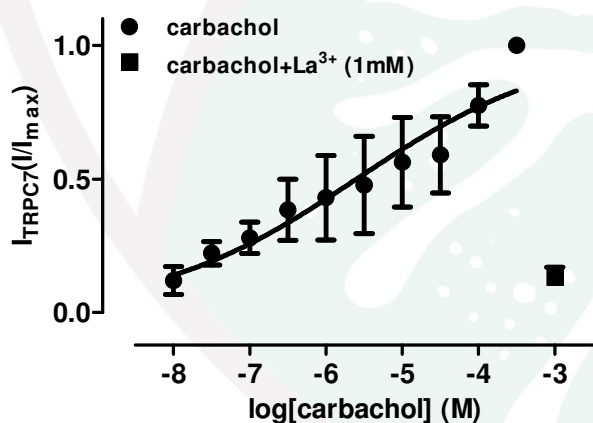


Figure 1: Plotted graph of normalised concentration-response activation curve of carbachol against the hTRPC7 channel. Calculated EC₅₀ value was approximately 3μM (n=4). Co-application with 1mM La³⁺ fully blocked the carbachol-induced activation of the hTRPC7 channel.

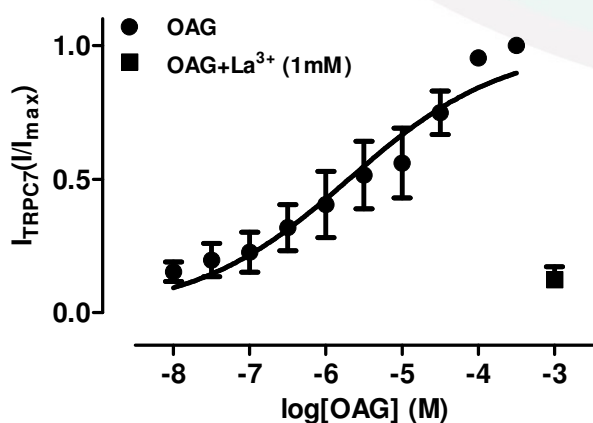


Figure 2: Plotted graph of normalised concentration-response activation curve of OAG against the hTRPC7 channel. Calculated EC₅₀ value was approximately 2μM (n=6). Co-application with 1mM La³⁺ fully blocked the OAG-induced activation of the hTRPC7 channel.

Further validation data available on request.

