

# Recombinant Human KCNMA1

Catalog No: #GP11284



Package Size: #GP11284-1 100ug

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## Description

Product Name	Recombinant Human KCNMA1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 60 amino acids of human potassium large conductance calcium-activated channel, subfamily M, alpha member 1
Target Name	potassium large conductance calcium-activated channel, subfamily M, alpha member 1
Other Names	SLO; BKTM; SLO1; MaxiK; SAKCA; mSLO1; KCa1.1; SLO-ALPHA; bA205K10.1
Accession No.	Swissprot:Q12791Gene Accession:BC062659
Uniprot	Q12791
GenID	3778;
Storage	-20~-80°C, pH 7.6 PBS

## Background

MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit, which is the product of this gene, and the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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