

KCNMB3 Knockout cell line (A549)

Catalog Number: KO07511

Product Information	
Product Name	KCNMB3 Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	KCNMB3
Gene ID	27094
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: KCNMB3 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	potassium calcium-activated channel subfamily M regulatory beta subunit 3 provided by HGNC
Also known as	HBETA3; KCNMB2; KCNMBL; BKBETA3; SLOBETA3; SLO-BETA-3; K(VCA)BETA-3
Gene Description	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 and the modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which may partially inactivate or slightly decrease the activation time of MaxiK alpha subunit currents. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 22. [provided by RefSeq, Jul 2009]
Expression	Ubiquitous expression in fat (RPKM 6.7), gall bladder (RPKM 6.6) and 25 other tissues See more