

SCN8A Knockout cell line (A549)

Catalog Number: KO35500

Product Information	
Product Name	SCN8A 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	SCN8A
Gene ID	6334
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: SCN8A 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	sodium voltage-gated channel alpha subunit 8provided by HGNC
Also known as	MED; PN4; CIAT; BFIS5; DEE13; NaCh6; CERIII; EIEE13; MYOCL2; Nav1.6
Gene Description	This gene encodes a member of the sodium channel alpha subunit gene family. The encoded protein forms the ion pore region of the voltage-gated sodium channel. This protein is essential for the rapid membrane depolarization that occurs during the formation of the action potential in excitable neurons. Mutations in this gene are associated with cognitive disability, pancerebellar atrophy and ataxia. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Expression	Biased expression in brain (RPKM 8.0), testis (RPKM 1.0) and 2 other tissues See more