

## CCDC51 Knockout cell line (A549)

**Catalog Number:** KO19021

Product Information	
Product Name	CCDC51 Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	CCDC51
Gene ID	79714
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: CCDC51 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	coiled-coil domain containing 51 provided by HGNC
Also known as	MITOK
Gene Description	Enables mitochondrial ATP-gated potassium channel activity. Involved in cell volume homeostasis and mitochondrial potassium ion transmembrane transport. Located in mitochondrial inner membrane. Part of mitochondrial ATP-gated potassium channel complex. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in kidney (RPKM 4.8), spleen (RPKM 3.8) and 25 other tissues See more