

PIP4K2C Knockout cell line (A549)

Catalog Number: KO07858

Product Information

Product Name	PIP4K2C 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	PIP4K2C
Gene ID	79837
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: PIP4K2C 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	phosphatidylinositol-5-phosphate 4-kinase type 2 gamma provided by HGNC
Also known as	PIP5K2C
Gene Description	Enables 1-phosphatidylinositol-4-phosphate 5-kinase activity and identical protein binding activity. Involved in 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate biosynthetic process; negative regulation of insulin receptor signaling pathway; and positive regulation of autophagosome assembly. Located in several cellular components, including autophagosome; cytosol; and nucleoplasm. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in testis (RPKM 18.0), kidney (RPKM 16.8) and 25 other tissues See more