

SYNPO2 Knockout cell line (A549)

Catalog Number: KO13610

Product Information	
Product Name	SYNPO2 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	SYNPO2
Gene ID	171024
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: SYNPO2 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	synaptopodin 2provided by HGNC
Also known as	SYISL
Gene Description	Enables alpha-actinin binding activity and filamin binding activity. Involved in positive regulation of actin filament bundle assembly; positive regulation of cell migration; and regulation of Rho-dependent protein serine/threonine kinase activity. Located in several cellular components, including Z disc; focal adhesion; and stress fiber. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in esophagus (RPKM 79.5), prostate (RPKM 71.0) and 14 other tissues See more