

## SYNE2 Knockout cell line (A549)

**Catalog Number:** KO05409

Product Information	
Product Name	SYNE2 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	SYNE2
Gene ID	23224
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: SYNE2 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	spectrin repeat containing nuclear envelope protein 2 provided by HGNC
Also known as	NUA; EDMD5; KASH2; Nesp2; TROPH; NUANCE; SYNE-2; Nesprin-2
Gene Description	The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Expression	Ubiquitous expression in skin (RPKM 13.7), kidney (RPKM 12.6) and 25 other tissues See more