

ATG14 Knockout cell line (BEAS-2B)

Catalog Number: KOA26434

Product Information	
Product Name	ATG14 Knockout cell line (BEAS-2B)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:3~1:4
species	Human
Gene	ATG14
Gene ID	22863
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM+10% FBS
Price (USD)	Inquiry
Parental Cell Line	BEAS-2B
Quality Control	Genotype: ATG14 Knockout cell line (BEAS-2B)>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	autophagy related 14 provided by HGNC
Also known as	ATG14L; BARKOR; KIAA0831
Gene Description	Enables GTPase binding activity; phosphatidylinositol 3-kinase inhibitor activity; and protein-membrane adaptor activity. Involved in several processes, including early endosome to late endosome transport; macroautophagy; and phosphatidylinositol 3-kinase/protein kinase B signal transduction. Acts upstream of or within endosome to lysosome transport. Located in autophagosome and phagophore assembly site membrane. Is extrinsic component of omegasome membrane and extrinsic component of phagophore assembly site membrane. Part of phosphatidylinositol 3-kinase complex, class III. Is active in phagophore assembly site. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in bone marrow (RPKM 13.8), testis (RPKM 7.6) and 25 other tissues See more

