

ATG5 Knockout cell line (HCT 116)

Catalog Number: KO00414

Product Information	
Product Name	ATG5 Knockout cell line (HCT 116)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
species	Human
Gene	ATG5
Gene ID	9474
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Parental Cell Line	HCT 116
Quality Control	Genotype: ATG5 Knockout cell line (HCT 116) >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 5provided by HGNC
Also known as	ASP; APG5; APG5L; hAPG5; SCAR25; APG5-LIKE
Gene Description	The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Sep 2015]
Expression	Ubiquitous expression in thyroid (RPKM 11.9), adrenal (RPKM 11.0) and 25 other tissues See more