

Atg5 Knockout cell line (HT22)

Catalog Number: KO01242

Product Information	
Product Name	Atg5 Knockout cell line (HT22)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
species	Mouse
Gene	Atg5
Gene ID	11793
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Parental Cell Line	HT22
Quality Control	Genotype: Atg5 Knockout cell line (HT22) >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 MGI
Also known as	Apg5l; Atg5l; Paddy; 2010107M05Rik; 3110067M24Rik
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. Two transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Sep 2015]
Expression	Ubiquitous expression in placenta adult (RPKM 9.7), bladder adult (RPKM 9.2) and 28 other tissues See more