

Ldlr Knockout cell line (AML12)

Catalog Number: KO01241

Product Information	
Product Name	Ldlr Knockout cell line (AML12)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1 : 3~1 : 6
species	Mouse
Gene	Ldlr
Gene ID	16835
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM/F-12+10%FBS+1%ITS Liquid Media Supplement+40ng/ml Dexamethasone
Parental Cell Line	AML12
Quality Control	Genotype: Ldlr Knockout cell line (AML12) >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	low density lipoprotein receptor provided by MGI
Also known as	Hlb301
Gene Description	Enables several functions, including amyloid-beta binding activity; low-density lipoprotein particle binding activity; and low-density lipoprotein particle receptor activity. Involved in several processes, including endocytosis; regulation of inflammatory response; and regulation of primary metabolic process. Acts upstream of or within several processes, including cholesterol homeostasis; lipoprotein catabolic process; and low-density lipoprotein particle clearance. Located in several cellular components, including basolateral plasma membrane; endosome; and lysosome. Is expressed in several structures, including alimentary system; genitourinary system; musculoskeletal system; nervous system; and sensory organ. Used to study familial hypercholesterolemia and steatotic liver disease. Human ortholog(s) of this gene implicated in Alzheimer's disease; arteriosclerosis; familial hypercholesterolemia; hepatitis C; and migraine without aura. Orthologous to human LDLR (low density lipoprotein receptor). [provided by Alliance of Genome Resources, Apr

	2025]
Expression	Ubiquitous expression in colon adult (RPKM 56.3), adrenal adult (RPKM 52.3) and 27 other tissues See more