

Atp7b Knockout cell line (AML12)

Catalog Number: KO01236

Product Information	
Product Name	Atp7b 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	Atp7b
Gene ID	11979
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: Atp7b 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	ATPase, copper transporting, beta polypeptide provided by MGI
Also known as	tx; WND; Atp7a
Gene Description	Enables P-type divalent copper transporter activity. Acts upstream of or within several processes, including intracellular monoatomic cation homeostasis; lactation; and protein maturation by copper ion transfer. Located in membrane and trans-Golgi network. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; respiratory system; and sensory organ. Used to study Wilson disease. Human ortholog(s) of this gene implicated in Wilson disease. Orthologous to human ATP7B (ATPase copper transporting beta). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in placenta adult (RPKM 9.8), lung adult (RPKM 9.6) and 16 other tissues See more