

Cd47 Knockout cell line ☐MC38☐

Catalog Number: KO01156

Product Information	
Product Name	Cd47 Knockout cell line (MC38)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epitheloid, semi-adherent semi-suspension cells
Passage ratio	1 : 2-1 : 4
species	Mouse
Gene	Cd47
Gene ID	16423
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% DMEM+10%FBS
Parental Cell Line	MC38
Quality Control	Genotype: Cd47 Knockout cell line (MC38) >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	CD47 antigen (Rh-related antigen, integrin-associated signal transducer)provided by MGI
Also known as	IAP; Itgp; 9130415E20Rik; B430305P08Rik
Gene Description	Predicted to enable protein binding activity involved in heterotypic cell-cell adhesion and thrombospondin receptor activity. Involved in positive regulation of activation-induced cell death of T cells; regulation of nitric oxide biosynthetic process; and regulation of synapse pruning. Acts upstream of or within several processes, including monocyte aggregation; opsonization; and positive regulation of phagocytosis. Located in extracellular exosome and plasma membrane. Is active in glutamatergic synapse and presynapse. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; hemolymphoid system gland; and liver and biliary system. Orthologous to human CD47 (CD47 molecule). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in liver E14 (RPKM 39.9), liver E14.5 (RPKM 35.9) and 28 other tissues See more

