Atrx Knockout cell line(4T1)

Catalog Number: KO01138

Product Information

Product Name	Atrx Knockout cell line(4T1)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Mouse
Gene	Atrx
Gene ID	22589
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	88%RPMI-1640+10% FBS+1%Glutamax+1%Sodium Pyruvate
Parental Cell Line	4T1
Quality Control	Genotype: Atrx Knockout cell line(4T1) >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	ATRX, chromatin remodelerprovided by MGI
Also known as	XH2; Xnp; ATR2; MRXS3; Rad54; Hp1bp2; RAD54L; ZNF-HX; Hp1bp38; HP1-BP38; DXHXS6677E; 4833408C14Rik
Gene Description	Enables chromatin binding activity and histone binding activity. Involved in several processes, including cellular response to hydroxyurea; positive regulation of DNA metabolic process; and subtelomeric heterochromatin formation. Acts upstream of or within several processes, including male gonad development; positive regulation of transcription by RNA polymerase II; and post-embryonic forelimb morphogenesis. Located in PML body and chromosome. Colocalizes with chromosome, telomeric region. Is expressed in several structures, including alimentary system; early embryo; egg cylinder; genitourinary system; and nervous system. Used to study alpha thalassemia-X-linked intellectual disability syndrome. Human ortholog(s) of this gene implicated in X-linked mental retardation-hypotonic facies syndrome-1; alpha thalassemia-X-linked intellectual disability syndrome; alpha-thalassemia myelodysplasia syndrome; high grade glioma; and lung small cell

	carcinoma. Orthologous to human ATRX (ATRX chromatin remodeler). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in CNS E11.5 (RPKM 17.4), CNS E14 (RPKM 16.1) and 23 other tissues See more