

Nlgn4l Knockout cell line (4T1)

Catalog Number: KO01247

Product Information	
Product Name	Nlgn4l 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	Nlgn4l
Gene ID	100113365
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: Nlgn4l 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	neurexin 4-like provided by MGI
Also known as	NL4; NL-4; Nlgn4; Nlgn4x
Gene Description	Predicted to enable several functions, including chloride ion binding activity; neurexin family protein binding activity; and protein homodimerization activity. Involved in several processes, including brainstem development; social behavior; and territorial aggressive behavior. Located in plasma membrane and synapse. Is active in glycinergic synapse and postsynaptic specialization membrane. Used to study autism spectrum disorder. Human ortholog(s) of this gene implicated in autistic disorder. Orthologous to human NLGN4X (neurexin 4 X-linked) and NLGN4Y (neurexin 4 Y-linked). [provided by Alliance of Genome Resources, Apr 2025]