

C1qa-KO

Nomenclature	C57BL/6Smoc- <i>C1qa</i> ^{emSmoc}
Cat. NO.	NM-KO-210110
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol C1qa	Synonyms	C1q; AI255395
	NCBI ID	12259
	MGI ID	88223
	Ensembl ID	ENSMUSG00000036887
	Human Ortholog	C1QA

Model Description

exon 3 of C1qa gene was deleted to generate C1qa knockout mice.

*Literature published using this strain should indicate: C1qa-KO mice (Cat. NO. NM-KO-210110) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Epilepsy	Phenotype(s)	MGI:4452482
	Reference(s)	Chu Y, Jin X, Parada I, Pesic A, Stevens B, Barres B, Prince DA, Enhanced synaptic connectivity and epilepsy in C1q knockout mice. Proc Natl Acad Sci U S A. 2010 Apr 27;107(17):7975-80
Systemic Lupus Erythematosus	Phenotype(s)	MGI:2384126
	Reference(s)	Botto M, Dell'Agnola C, Bygrave AE, Thompson EM, Cook HT, Petry F, Loos M, Pandolfi PP, Walport MJ, Homozygous C1q deficiency causes glomerulonephritis associated with multiple apoptotic bodies [see comments]. Nat Genet. 1998 May;19(1):56-9

Validation Data

No data
