

Acadl-KO

Nomenclature	C57BL/6Smoc- <i>Acadl</i> ^{em1Smoc}
Cat. NO.	NM-KO-201235
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Acadl	Synonyms	LCAD, C79855, AA960361, AU018452
	NCBI ID	11363
	MGI ID	87866
	Ensembl ID	ENSMUSG00000026003
	Human Ortholog	ACADL

Model Description

Exon 5 of *Acadl* gene was deleted to generate *Acadl* knockout mice.

*Literature published using this strain should indicate: *Acadl*-KO mice (Cat. NO. NM-KO-201235) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Very Long Chain Acyl-CoA Dehydrogenase Deficiency	Phenotype(s)	MGI:2448162
	Reference(s)	Kurtz DM, Rinaldo P, Rhead WJ, Tian L, Millington DS, Vockley J, Hamm DA, Brix AE, Lindsey JR, Pinkert CA, O'Brien WE, Wood PA, Targeted disruption of mouse long-chain acyl-CoA dehydrogenase gene reveals crucial roles for fatty acid oxidation. Proc Natl Acad Sci U S A. 1998 Dec 22;95(26):15592-7

Validation Data

No data

