

Gad2-KO

Nomenclature	C57BL/6Smoc- <i>Gad2</i> ^{em1Smoc}
Cat. NO.	NM-KO-200213
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Gad2	Synonyms	GAD65, Gad-2, GAD(65), 6330404F12Rik
	NCBI ID	14417
	MGI ID	95634
	Ensembl ID	ENSMUSG00000026787
	Human Ortholog	GAD2

Model Description

Exon 3-5 of Gad2 gene was deleted to generate Gad2 knockout mice.

Research Application: Therapeutic antibody target

*Literature published using this strain should indicate: Gad2-KO mice (Cat. NO. NM-KO-200213) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Epilepsy	Phenotype(s)	MGI:2177575
	Reference(s)	Kash SF, Johnson RS, Tecott LH, Noebels JL, Mayfield RD, Hanahan D, Baekkeskov S, Epilepsy in mice deficient in the 65-kDa isoform of glutamic acid decarboxylase. Proc Natl Acad Sci U S A. 1997 Dec 9;94(25):14060-5

Validation Data

No data