

# Gad2-KO

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

## Gene Summary

<b>Gene Symbol</b> Gad2	<b>Synonyms</b>	GAD65, Gad-2, GAD(65), 6330404F12Rik
	<b>NCBI ID</b>	<a href="#">14417</a>
	<b>MGI ID</b>	<a href="#">95634</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000026787</a>
	<b>Human Ortholog</b>	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

<b>Epilepsy</b>	<b>Phenotype(s)</b>	<a href="#">MGI:2177575</a>
	<b>Reference(s)</b>	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