

Cadps2-KO

Nomenclature	C57BL/6Smoc- <i>Cadps2</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Cadps2	Synonyms	Cpd2, Caps2, Caps-2, A230044C21Rik
	NCBI ID	320405
	MGI ID	2443963
	Ensembl ID	ENSMUSG00000017978
	Human Ortholog	CADPS2

Model Description

Exon 5-6 of Cadps2 gene was deleted to generate Cadps2 knockout mice.

*Literature published using this strain should indicate: Cadps2-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:3711235
	Reference(s)	Sadakata T, Washida M, Iwayama Y, Shoji S, Sato Y, Ohkura T, Katoh-Semba R, Nakajima M, Sekine Y, Tanaka M, Nakamura K, Iwata Y, Tsuchiya KJ, Mori N, Detera-Wadleigh SD, Ichikawa H, Itohara S, Yoshikawa T, Furuichi T, Autistic-like phenotypes in Cadps2-knockout mice and aberrant CADPS2 splicing in autistic patients. J Clin Invest. 2007 Apr;117(4):931-43

Validation Data

No data

