

Mdk-KO

Nomenclature	C57BL/6Smoc- <i>Mdk</i> ^{em1Smoc}
Cat. NO.	NM-KO-200359
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Mdk	Synonyms	MK; Mek
	NCBI ID	17242
	MGI ID	96949
	Ensembl ID	ENSMUSG00000027239
	Human Ortholog	MDK

Model Description

Exon 3-4 of Mdk gene was deleted to generate Mdk knockout mice.

Research Application: Therapeutic antibody target

*Literature published using this strain should indicate: Mdk-KO mice (Cat. NO. NM-KO-200359) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Schizophrenia	Phenotype(s)	MGI:3579532
	Reference(s)	Ohgake S, Shimizu E, Hashimoto K, Okamura N, Koike K, Koizumi H, Fujisaki M, Kanahara N, Matsuda S, Sutoh C, Matsuzawa D, Muramatsu H, Muramatsu T, Iyo M, Dopaminergic hypofunctions and prepulse inhibition deficits in mice lacking midkine. Prog Neuropsychopharmacol Biol Psychiatry. 2009 Apr 30;33(3):541-6

Validation Data

No data

