

Cdkl5-KO

Nomenclature	C57BL/6Smoc- <i>Cdkl5</i> ^{em1Smoc}
Cat. NO.	NM-KO-2105744
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Cdkl5	Synonyms	Stk9; BC038161
	NCBI ID	382253
	MGI ID	1278336
	Ensembl ID	ENSMUSG000000031292
	Human Ortholog	CDKL5

Model Description

Exon 6 of Cdkl5 gene was deleted to generate Cdkl5 knockout mice.

*Literature published using this strain should indicate: Cdkl5-KO mice (Cat. NO. NM-KO-2105744) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Developmental And Epileptic Encephalopathy 2	Phenotype(s)	MGI:5574073
	Reference(s)	Amendola E, Zhan Y, Mattucci C, Castroflorio E, Calcagno E, Fuchs C, Lonetti G, Silingardi D, Vyssotski AL, Farley D, Ciani E, Pizzorusso T, Giustetto M, Gross CT, Mapping Pathological Phenotypes in a Mouse Model of CDKL5 Disorder. PLoS One. 2014;9(5):e91613

Validation Data

No data