

Prom1-KO

Nomenclature	C57BL/6Smoc- <i>Prom1</i> ^{em2Smoc}
Cat. NO.	NM-KO-200434
Strain State	Developing

Gene Summary

Gene Symbol Prom1	Synonyms	Prom, AC133, CD133, Prom-1, Proml1, 4932416E19Rik
	NCBI ID	19126
	MGI ID	1100886
	Ensembl ID	ENSMUSG00000029086
	Human Ortholog	PROM1

Model Description

Exon 3 of Prom1 gene was deleted to generate Prom1 knockout mice.

Research Application: Therapeutic antibody target

*Literature published using this strain should indicate: Prom1-KO mice (Cat. NO. NM-KO-200434) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Retinitis Pigmentosa 41	Phenotype(s)	MGI:3838535
	Reference(s)	Zacchigna S , Oh H , Wilsch-Brauninger M , Missol-Kolka E , Jaszai J , Jansen S , Tanimoto N , Tonagel F , Seeliger M , Huttner WB , Corbeil D , Dewerchin M , Vinckier S , Moons L , Carmeliet P, Loss of the cholesterol-binding protein prominin-1/CD133 causes disk dysmorphogenesis and photoreceptor degeneration. J Neurosci. 2009 Feb 18;29(7):2297-308

Validation Data

No data
