

Col3a1-KO

Nomenclature	C57BL/6Smoc- <i>Col3a1</i> ^{em1Smoc}
Cat. NO.	NM-KO-201256
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Col3a1	Synonyms	Tsk2, Tsk-2, Col3a-1, AW550625
	NCBI ID	12825
	MGI ID	88453
	Ensembl ID	ENSMUSG00000026043
	Human Ortholog	COL3A1

Model Description

Exon 2 of Col3a1 gene was deleted to generate Col3a1 knockout mice.

*Literature published using this strain should indicate: Col3a1-KO mice (Cat. NO. NM-KO-201256) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Vascular Type Ehlers-Danlos Syndrome	Phenotype(s)	MGI:2664355
	Reference(s)	Liu X, Wu H, Byrne M, Krane S, Jaenisch R, Type III collagen is crucial for collagen I fibrillogenesis and for normal cardiovascular development. Proc Natl Acad Sci U S A. 1997 Mar 4;94(5):1852-6 SS 18 /C?

Validation Data

No data