

Cth-KO

Nomenclature	C57BL/6Smoc- <i>Cth</i> ^{em1Smoc}
Cat. NO.	NM-KO-2114077
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Cth	Synonyms	CSE, Cys3, AI314617, BC019483, 0610010I13Rik
	NCBI ID	107869
	MGI ID	1339968
	Ensembl ID	ENSMUSG00000028179
	Human Ortholog	CTH

Model Description

exon 2 of Cth gene was deleted to generate Cth knockout mice.

*Literature published using this strain should indicate: Cth-KO mice (Cat. NO. NM-KO-2114077) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Cystathioninuria	Phenotype(s)	MGI:4840250
	Reference(s)	Ishii I, Akahoshi N, Yamada H, Nakano S, Izumi T, Suematsu M, Cystathionine gamma-Lyase-deficient mice require dietary cysteine to protect against acute lethal myopathy and oxidative injury. J Biol Chem. 2010 Aug 20;285(34):26358-68

Validation Data

No data