

Cth-KO

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

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