

Ace2-KO

Nomenclature	C57BL/6Smoc-Ace2 ^{em1Smoc}
Cat. NO.	NM-KO-190906
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Ace2	Synonyms	2010305L05Rik
	NCBI ID	70008
	MGI ID	1917258
	Ensembl ID	ENSMUSG00000015405
	Human Ortholog	ACE2

Model Description

exon 3-7 of Ace2 gene was deleted to generate Ace2 knockout mice.

Research Application: regulation of cardiovascular and renal function, as well as fertility , Cardiac contraction, colitis, cardiovascular and renal function, and fertility

*Literature published using this strain should indicate: Ace2-KO mice (Cat. NO. NM-KO-190906) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Congestive Heart Failure	Phenotype(s)	MGI:2661730
	Reference(s)	Oudit GY, Kassiri Z, Patel MP, Chappell M, Butany J, Backx PH, Tsushima RG, Scholey JW, Khokha R, Penninger JM, Angiotensin II-mediated oxidative stress and inflammation mediate the age-dependent cardiomyopathy in ACE2 null mice. Cardiovasc Res. 2007 Jul 1;75(1):29-39

Validation Data

No data

