

Adam17-Flox

Nomenclature	C57BL/6Smoc- <i>Adam17</i> ^{em1(flox)Smoc}
Cat. NO.	NM-CKO-2100026
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Adam17	Synonyms	Tace, CD156b
	NCBI ID	11491
	MGI ID	1096335
	Ensembl ID	ENSMUSG00000052593
	Human Ortholog	ADAM17

Model Description

These mice carry loxP sites flanking target exon 2 of Adam17 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Adam17 gene.

*Literature published using this strain should indicate: Adam17-Flox mice (Cat. NO. NM-CKO-2100026) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Atopic Dermatitis	Phenotype(s)	MGI:6241552 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Sox9-cre mice.
	Reference(s)	Kobayashi T, Glatz M, Horiuchi K, Kawasaki H, Akiyama H, Kaplan DH, Kong HH, Amagai M, Nagao K, Dysbiosis and Staphylococcus aureus Colonization Drives Inflammation in Atopic Dermatitis. Immunity. 2015 Apr 21;42(4):756-66

Validation Data

No data

