

Pten-Flox

Nomenclature	C57BL/6Smoc- <i>Pten</i> ^{em1(flox)Smoc}
Cat. NO.	NM-CKO-18004
Strain State	Repository Live

Gene Summary

Gene Symbol Pten	Synonyms	TEP1; MMAC1; AI463227; PTENbeta; 2310035O07Rik; A130070J02Rik; B430203M17Rik
	NCBI ID	19211
	MGI ID	109583
	Ensembl ID	ENSMUSG00000013663
	Human Ortholog	PTEN

Model Description

These Pten flox mice possess loxP sites flanking exons 5 via CRISPR/Cas mediated recombination. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of the gene.

*Literature published using this strain should indicate: Pten-Flox mice (Cat. NO. NM-CKO-18004) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

No data

Publications

[Nuclear DEK preserves hematopoietic stem cells potential via NCoR1/HDAC3-Akt1/2-mTOR axis](#)

References: Journal of Experimental Medicine