

# Pten-Flox

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

## Gene Summary

<b>Gene Symbol</b> Pten	<b>Synonyms</b>	TEP1; MMAC1; AI463227; PTENbeta; 2310035O07Rik; A130070J02Rik; B430203M17Rik
	<b>NCBI ID</b>	<a href="#">19211</a>
	<b>MGI ID</b>	<a href="#">109583</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000013663</a>
	<b>Human Ortholog</b>	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