hRAMP3

Nomenclature	C57BL/6Smoc- <i>Ramp3</i> ^{tm(hRAMP3)Smoc}	
Cat. NO.	NM-HU-230045	
Strain State	Sperm cryopreservation	

Gene Summary

Gene Symbol Ramp3	Synonyms	AI850306
	NCBI ID	<u>56089</u>
	MGI ID	<u>1860292</u>
	Ensembl ID	ENSMUSG0000041046
	Human Ortholog	RAMP3

Model Description

The endogenous mouse Ramp3 gene was replaced by human RAMP3 gene.

*Literature published using this strain should indicate: hRAMP3 mice (Cat. NO. NM-HU-230045) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

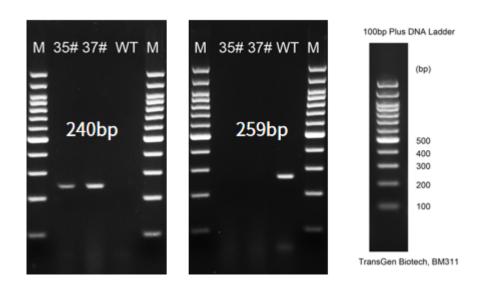


Fig.1 Detection of RAMP3 expression in ovary by RT-PCR.



Wild type: only one band at 259 bp with primers F1/R1 (mRamp3);

Homozygous: only one band at 240 bp with primers F2/R2 (hRAMP3).

Abbr. M, DNA marker; HO, homozygous; WT, wild type.

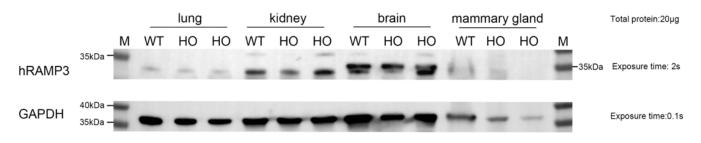


Fig.2 Detection of human RAMP3 expression in lung, kidney and brain in hRAMP3 knockin mice by WB.

Abbr. M, marker; HO, homozygous; WT, wild type.

Note. The anti-human RAMP3 Antibody cross-reacted with mouse RAMP3 and humanized RAMP3.