

hC1R

Nomenclature	C57BL/6Smoc- <i>C1ra</i> ^{em1(hC1R)/Smoc}
Cat. NO.	NM-HU-2000075
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol C1ra	Synonyms	C1r; mC1rA; AI132558
	NCBI ID	50909
	MGI ID	1355313
	Ensembl ID	ENSMUSG00000055172
	Human Ortholog	C1RA

Model Description

The endogenous mouse C1ra gene was replaced by human C1R gene.

Research Application: Immunotherapy, drug screening

*Literature published using this strain should indicate: hC1R mice (Cat. NO. NM-HU-2000075) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

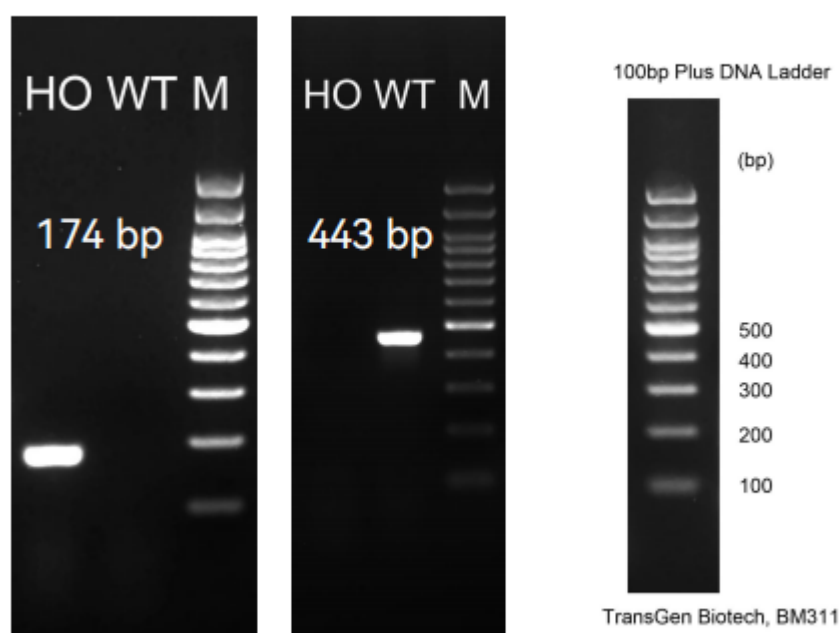


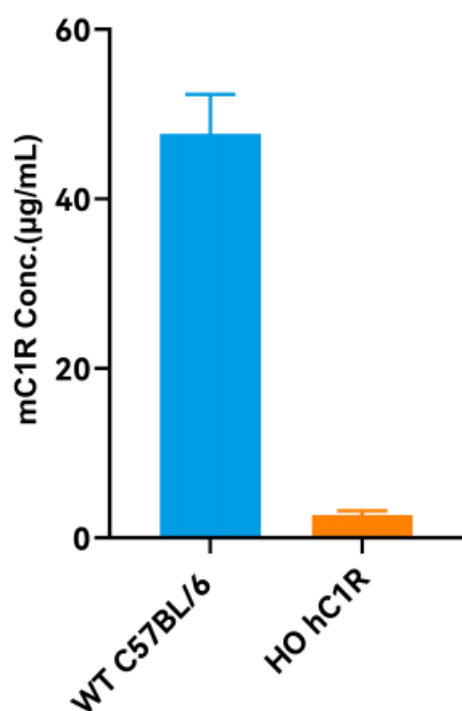
Fig1. Detection of C1R expression in bladder and liver by RT-PCR.

Wild type: only one band at 443 bp with primers F1/R1(mC1r);

Homozygous: only one band at 174 bp with primers F2/R2(hC1R);

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

A



B

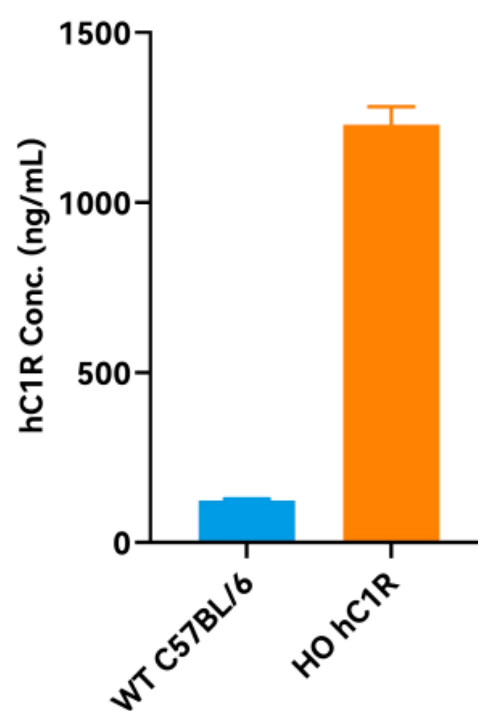


Fig2. Detection of hC1R expression in serum by ELISA (n=6).

Abbr. HO, homozygous; WT, wild type.