

# hCALCRL

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Calcr</i> <sup>em1(hCALCRL)Smoc</sup> |
| <b>Cat. NO.</b>     | NM-HU-225031                                          |
| <b>Strain State</b> | Embryo cryopreservation                               |

## Gene Summary

|                             |                       |                                    |
|-----------------------------|-----------------------|------------------------------------|
| <b>Gene Symbol</b><br>Calcr | <b>Synonyms</b>       | CRLR; AV071593                     |
|                             | <b>NCBI ID</b>        | <a href="#">54598</a>              |
|                             | <b>MGI ID</b>         | <a href="#">1926944</a>            |
|                             | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000059588</a> |
|                             | <b>Human Ortholog</b> | CALCRL                             |

## Model Description

The endogenous mouse Calcr gene was replaced by human CALCRL gene.

\*Literature published using this strain should indicate: hCALCRL mice (Cat. NO. NM-HU-225031) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

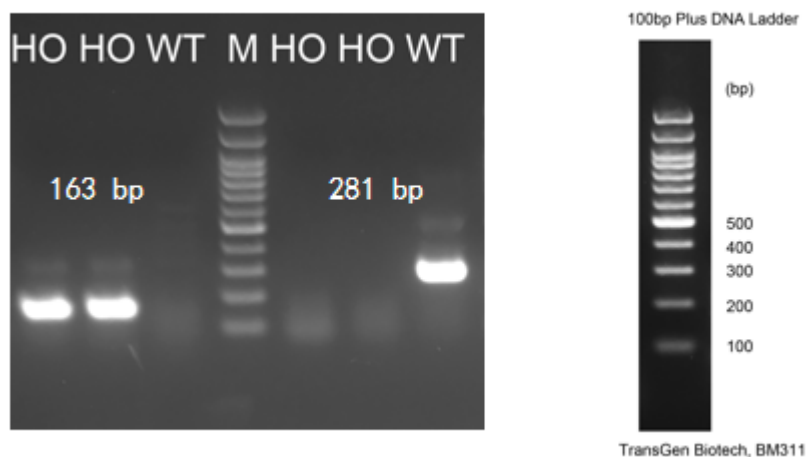


Fig1. Detection of CALCRL expression in lung by RT-PCR. Wild type: only one band at 281 bp with

primers F1/R1 (mCalcrl); Homozygous: only one band at 163 bp with primers F2/R2 (hCALCRL).  
Abbr. M, DNA marker; HO, homozygous; WT, wild type.

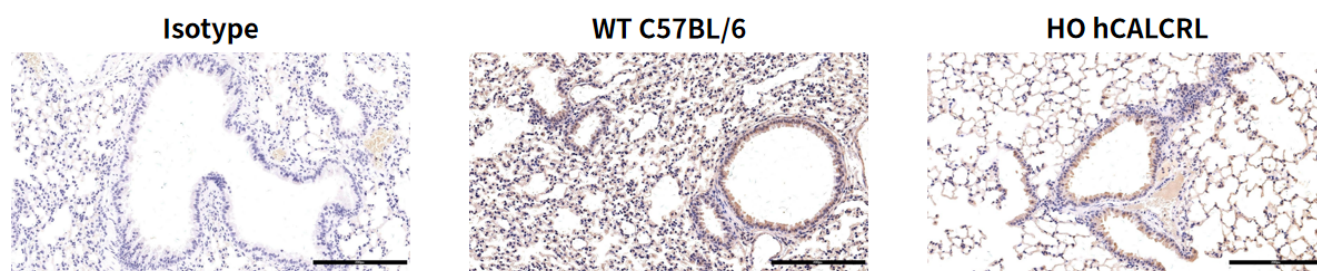


Fig2. Detection of hCALCRL expression in Lung in C57BL/6 and HO hCALCRL knockin mice by IHC. Abbr. HO, homozygous; WT, wild type. Note. The anti-human CALCRL Antibody cross-reacted with mouse CALCRL and humanized CALCRL.