

# hGIPR

<b>Nomenclature</b>	C57BL/6Smoc- <i>Gipr</i> <sup>tm1(hGIPR)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-225064
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> <b>Gipr</b>	<b>Synonyms</b>	GIP-R; Gm160; Gm1081
	<b>NCBI ID</b>	<a href="#">381853</a>
	<b>MGI ID</b>	<a href="#">1352753</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000030406</a>
	<b>Human Ortholog</b>	GIPR

## Model Description

The endogenous mouse *Gipr* gene was replaced by human GIPR gene.

\*Literature published using this strain should indicate: hGIPR mice (Cat. NO. NM-HU-225064) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

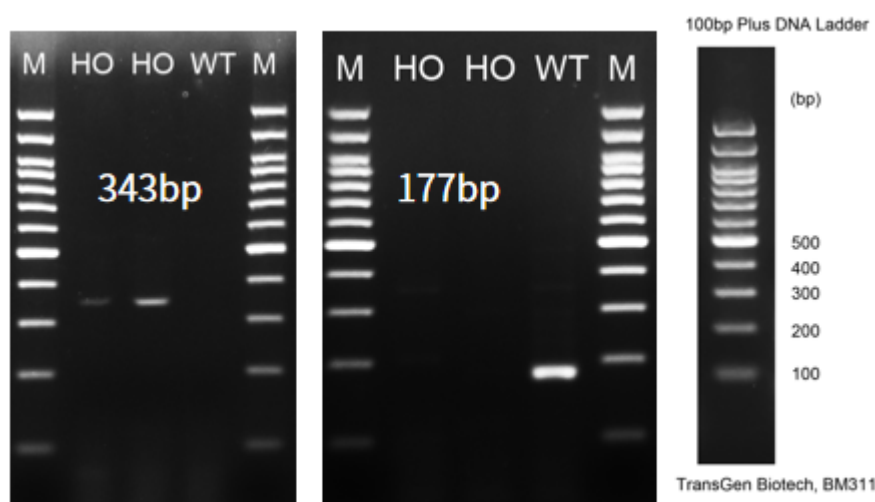


Fig.1 Detection of GIPR expression in brain by RT-PCR.

Wild type: only one band at 177 bp with primers F1/R1 (mGipr);

Homozygous: only one band at 343 bp with primers F2/R2 (hGIPR).

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

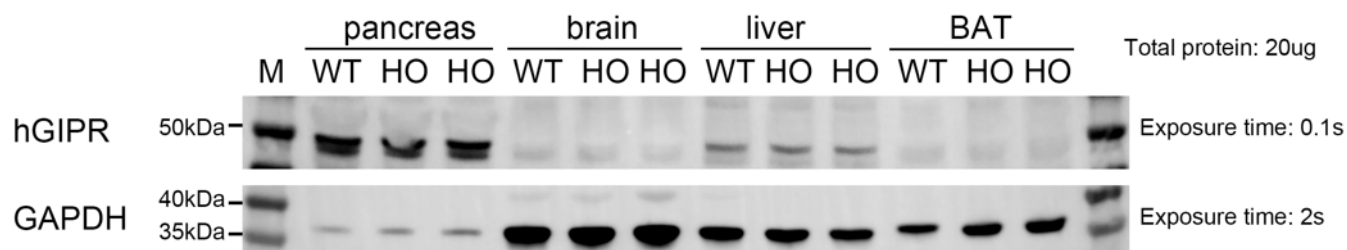


Fig. 2 Detection of human GIPR expression in hGIPR mice by WB.

Abbr. M,marker;HO, homozygous; WT, wild type; BAT, brown adipose tissue.

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