

hGIPR

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

Gene Summary

Gene Symbol Gipr	Synonyms	GIP-R; Gm160; Gm1081
	NCBI ID	381853
	MGI ID	1352753
	Ensembl ID	ENSMUSG00000030406
	Human Ortholog	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

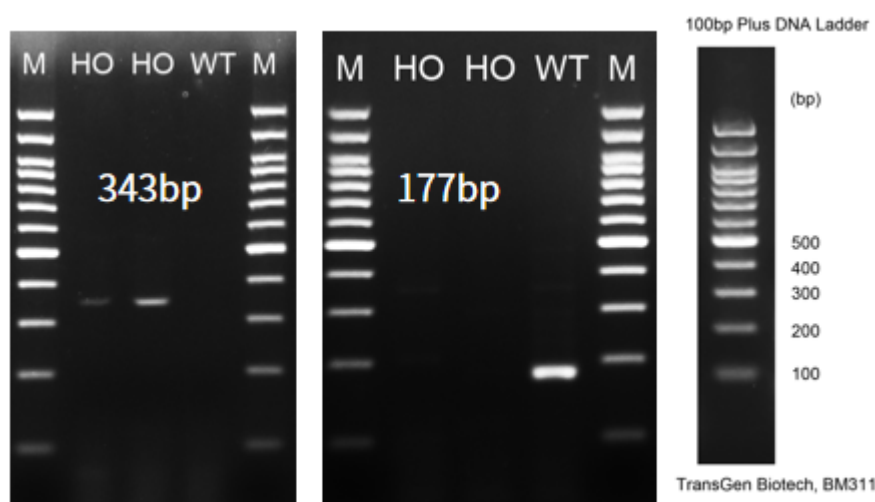


Fig.1 Detection of GIPR expression in brain by RT-PCR.

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.

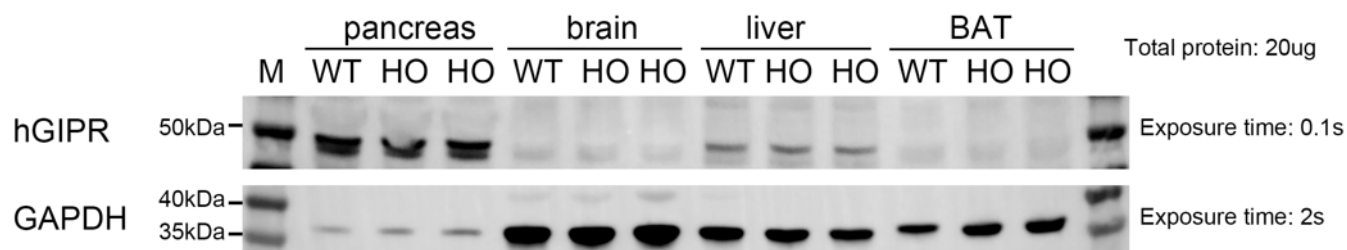


Fig. 2 Detection of human GIPR expression in hGIPR mice by WB.

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.