

# hIL18BP

<b>Nomenclature</b>	C57BL/6Smoc- <i>Il18bp</i> <sup>em1(hIL18BP)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-210039
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> Il18bp	<b>Synonyms</b>	MC54L; Igifbp; IL-18BP
	<b>NCBI ID</b>	<a href="#">16068</a>
	<b>MGI ID</b>	<a href="#">1333800</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000070427</a>
	<b>Human Ortholog</b>	IL18BP

## Model Description

The endogenous mice Il18bp gene was replaced by human IL18BP gene.

**Research Application:** immune therapy; drug screening

\*Literature published using this strain should indicate: hIL18BP mice (Cat. NO. NM-HU-210039) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

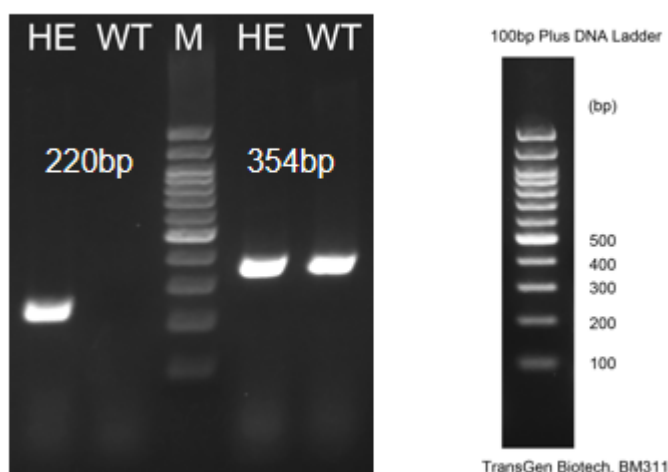


Fig1. Detection of IL18BP expression in thymus and liver by RT-PCR. Wild type: only one band at 354 bp with primers F1/R1(ml18bp);Heterozygous: one band at 354 bp with primers F1/R1(ml18bp) and one band at 220 bp with primers F2/R2(hIL18BP); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

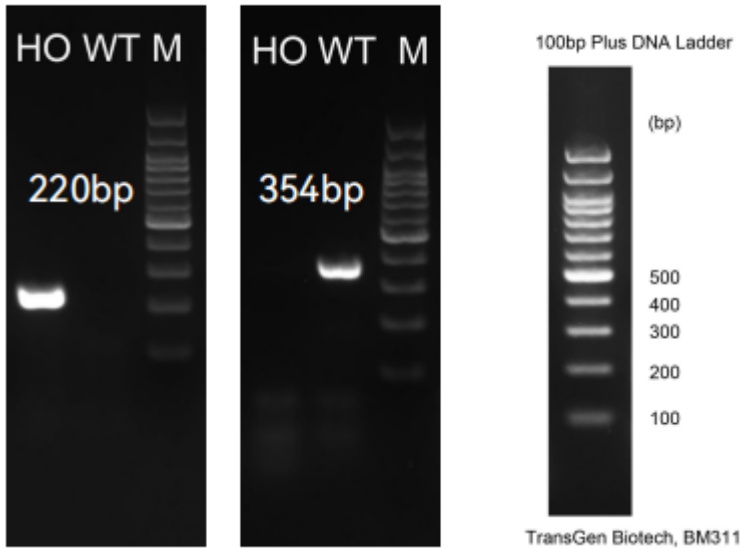


Fig2. Detection of IL18BP expression in thymus and liver by RT-PCR. Wild type: only one band at 354 bp with primers F1/R1(ml18bp); Homozygous: only one band at 220 bp with primers F2/R2(hIL18BP); Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

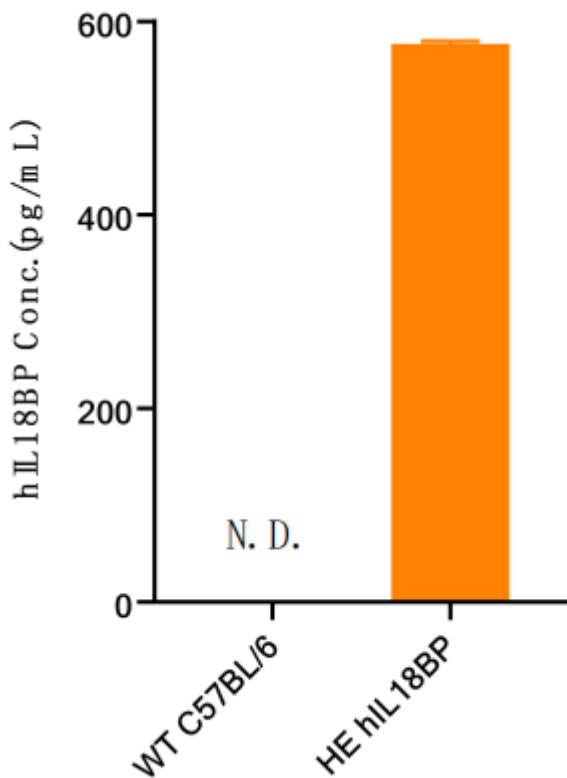


Fig3. Detection of hIL18BP expression in serum by ELISA. Abbr. HO, homozygous; HE,

heterozygous; WT, wild type.

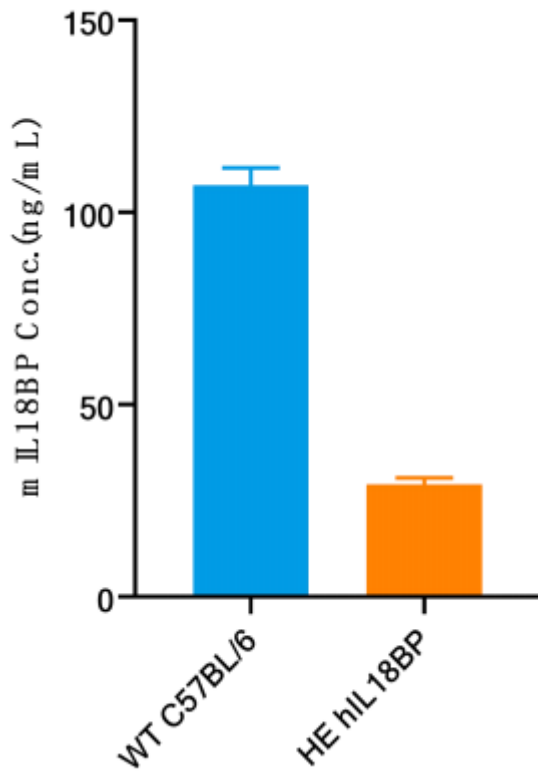


Fig4. Detection of mIL18BP expression in serum by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type.

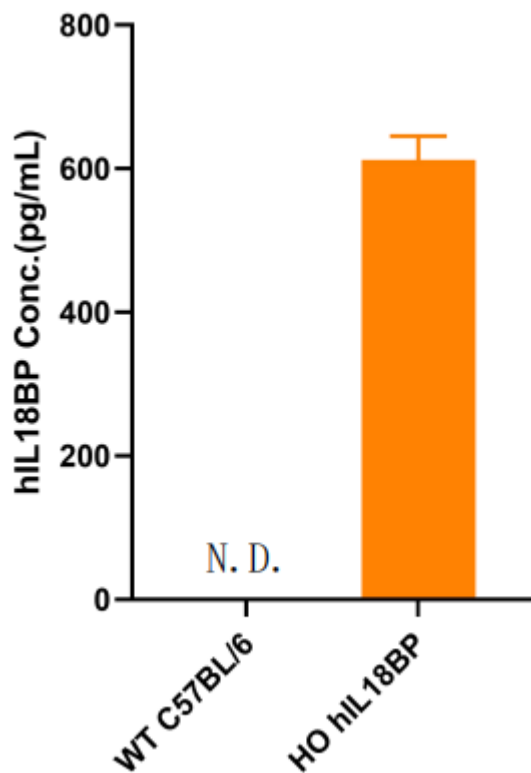


Fig5. Detection of hIL18BP expression in serum by ELISA (n=3). Abbr. HO, homozygous; HE, heterozygous; WT, wild type.

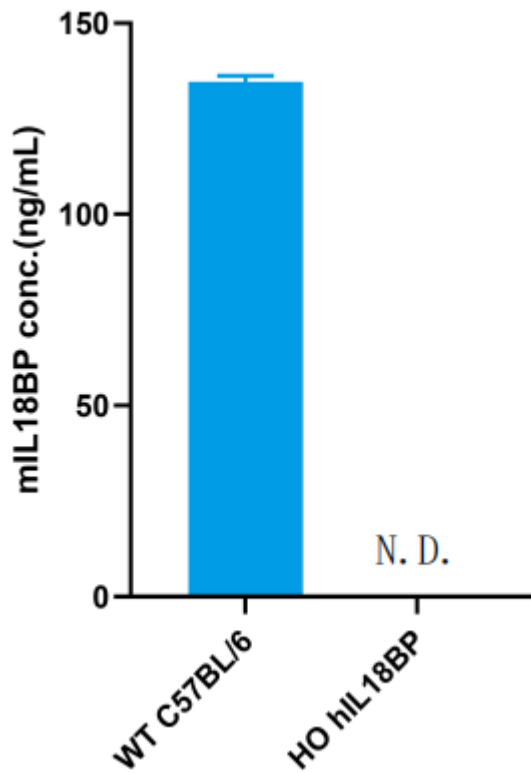


Fig6. Detection of mL18BP expression in serum by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type.