

# hIL12A

系統名	C57BL/6Smoc- <i>Il12a</i> <sup>tm3(hIL12A)/Smoc</sup>
SMOC番号	NM-HU-2000056
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol Il12a	<b>Synonyms</b>	p35; Ll12a; Il-12a; IL-12p35
	<b>NCBI ID</b>	<a href="#">16159</a>
	<b>MGI ID</b>	<a href="#">96539</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000027776</a>
	<b>Human Ortholog</b>	IL12A

## 説明

The endogenous mouse Il12a gene was replaced by human IL12A gene.

**応用分野:** Cytokine humanization model; drug screening

\*Literature published using this strain should indicate: hIL12A mice (Cat. NO. NM-HU-2000056) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

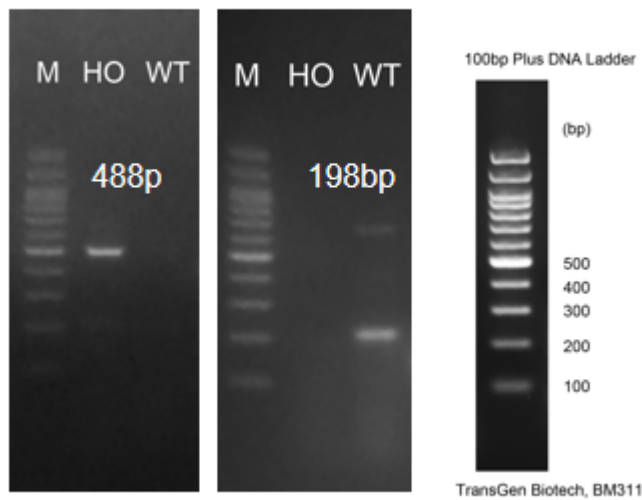


Fig1. Detection of IL12A expression in spleen by RT-PCR.

Wild type: only one band at 198 bp with primers F1/R1(mIL12a);

Homozygous: only one band at 488 bp with primers F2/R2(hIL12A);

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

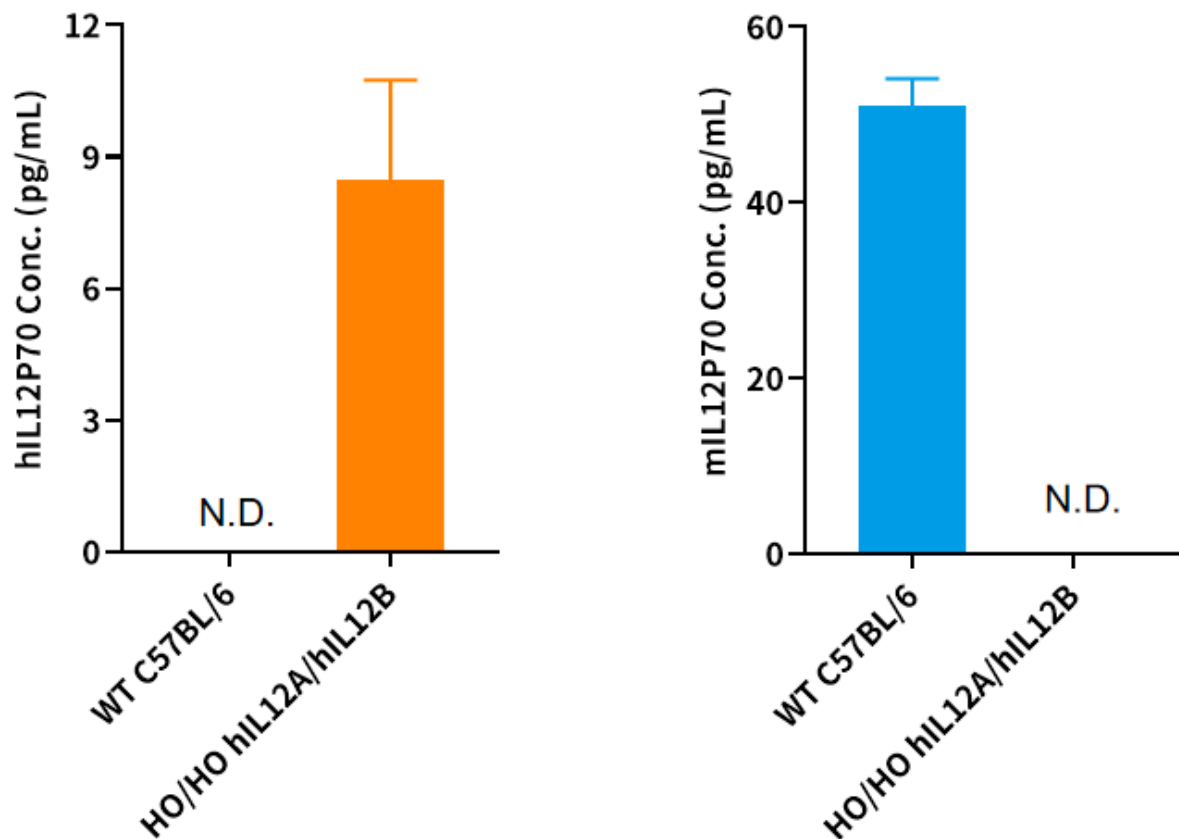


Fig2. Detection of human IL12P70 and mouse IL12P70 expression in serum by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. hIL12A/hIL12B and C57BL/6 mice were i.p. injected with LPS for 2h.

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