

# hPTPN1

<b>Nomenclature</b>	C57BL/6Smoc- <i>Ptpn1</i> <sup>tm1(hPTPN1)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-225059
<b>Strain State</b>	Sperm cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>Ptpn1</b>	<b>Synonyms</b>	PTP1B, PTP-1B, PTP-HA2
	<b>NCBI ID</b>	<a href="#">19246</a>
	<b>MGI ID</b>	<a href="#">97805</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000027540</a>
	<b>Human Ortholog</b>	PTPN1

## Model Description

The endogenous mouse *Ptpn1* gene was replaced by human PTPN1 gene.

\*Literature published using this strain should indicate: hPTPN1 mice (Cat. NO. NM-HU-225059) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

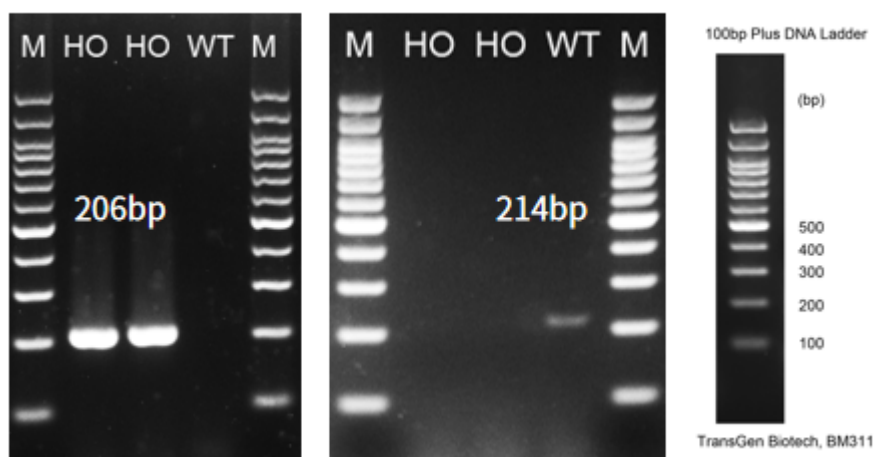


Fig.1 Detection of PTPN1 expression in spleen by RT-PCR.

Wild type: only one band at 214 bp with primers F1/R1(mPtpn1);

Homozygous: only one band at 206 bp with primers F2/R2(hPTPN1).

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

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