

# hTHPO(NMG)

<b>Nomenclature</b>	NOD- <i>Prkdc</i> <sup>scid</sup> <i>Il2rg</i> <sup>em1</sup> <i>Thpo</i> <sup>tm(hTHPO)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-220429
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> Thpo	<b>Synonyms</b>	Ml, Tpo, Mgdf, Mpllg
	<b>NCBI ID</b>	<a href="#">21832</a>
	<b>MGI ID</b>	<a href="#">101875</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000022847</a>
	<b>Human Ortholog</b>	THPO

## Model Description

The hTHPO(NM-HU-2000062) mice were backcrossed to NMG genetic background, to create the new strain of hTHPO(NMG) (NM-HU-220429) mice.

\*Literature published using this strain should indicate: hTHPO(NMG) mice (Cat. NO. NM-HU-220429) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

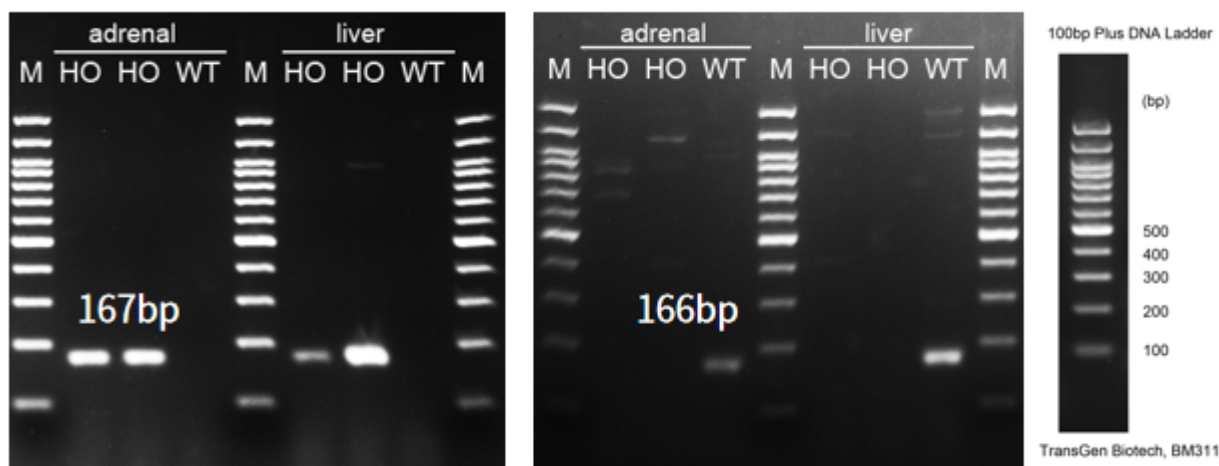


Fig.1 Detection of THPO expression in adrenal and liver by RT-PCR.

Wild type: only one band at 166 bp with primers F1/R1(mThpo);

Homozygous: only one band at 167 bp with primers F2/R2(hTHPO).

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

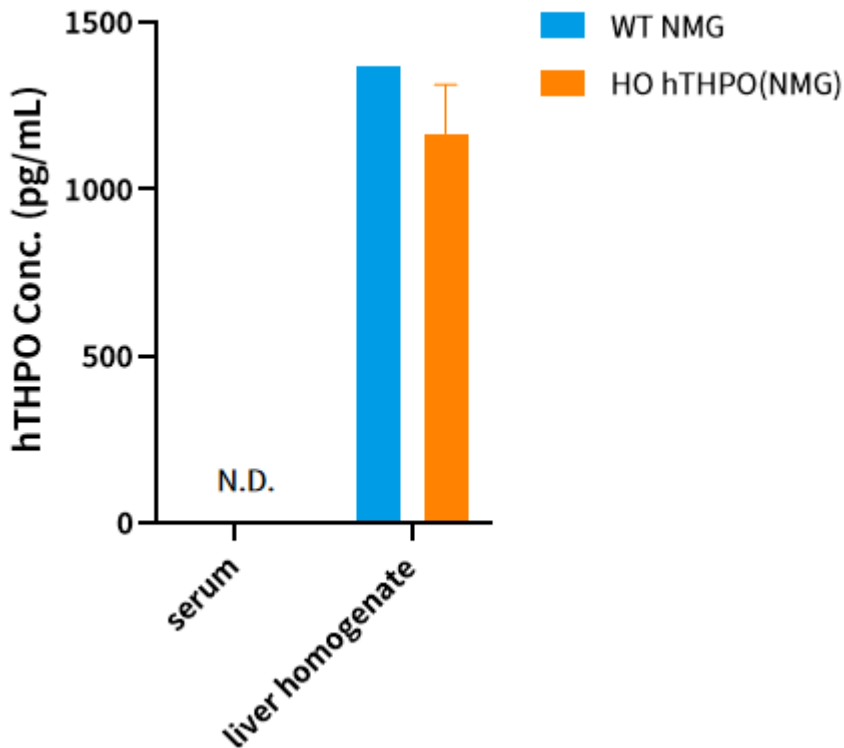


Fig.2 Detection of hTHPO expression in serum and liver homogenate by ELISA (male, 6-11wks).

Abbr. HO, Homozygous; WT, wild type.

Note. hTHPO(NMG) and NMG mice were i.p. injected with LPS. The Human Thrombopoietin ELISA Kit cross-reacted with mouse THPO and humanized THPO.

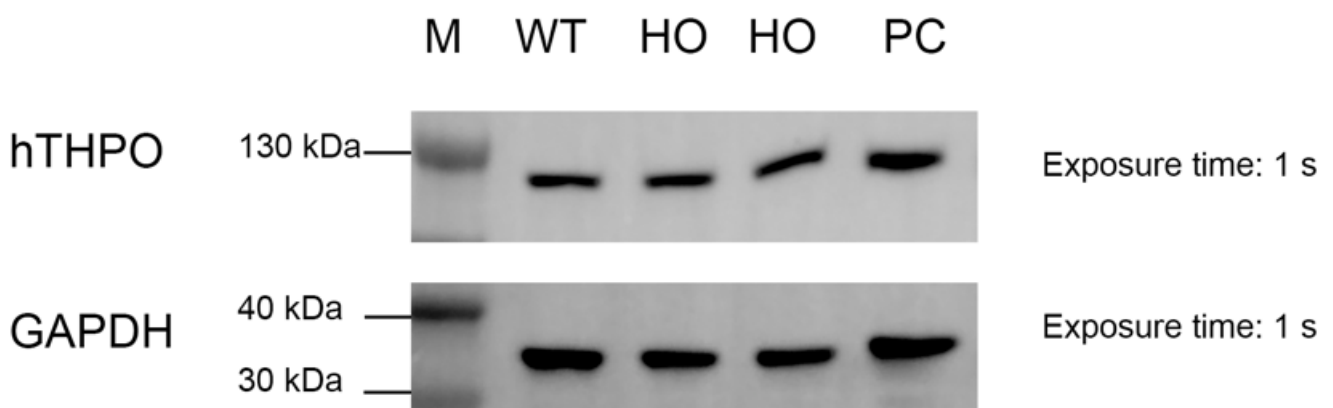


Fig.3 Detection of hTHPO expression in hTHPO(NMG) mice by WB.

Abbr. M, marker; WT, wild type; PC, positive control, Hela cells.

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

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