

# hVEGFA

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Vegfa</i> <sup>tm1(hVEGFA)/Smoc</sup> |
| <b>Cat. NO.</b>     | NM-HU-2000028                                         |
| <b>Strain State</b> | Repository Live                                       |

## Gene Summary

|                                    |                       |                                    |
|------------------------------------|-----------------------|------------------------------------|
| <b>Gene Symbol</b><br><b>Vegfa</b> | <b>Synonyms</b>       | Vpf; Vegf                          |
|                                    | <b>NCBI ID</b>        | <a href="#">22339</a>              |
|                                    | <b>MGI ID</b>         | <a href="#">103178</a>             |
|                                    | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000023951</a> |
|                                    | <b>Human Ortholog</b> | VEGFA                              |

## Model Description

The endogenous mouse *Vegfa* gene was replaced by human VEGFA gene. While hVEGFA(2)(Stock No.NM-HU-204984) mice function similarly to hVEGFA mice,for more detailed information please contact our technical advisor.

**Research Application:** Immunotherapy,drug screening

\*Literature published using this strain should indicate: hVEGFA mice (Cat. NO. NM-HU-2000028) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

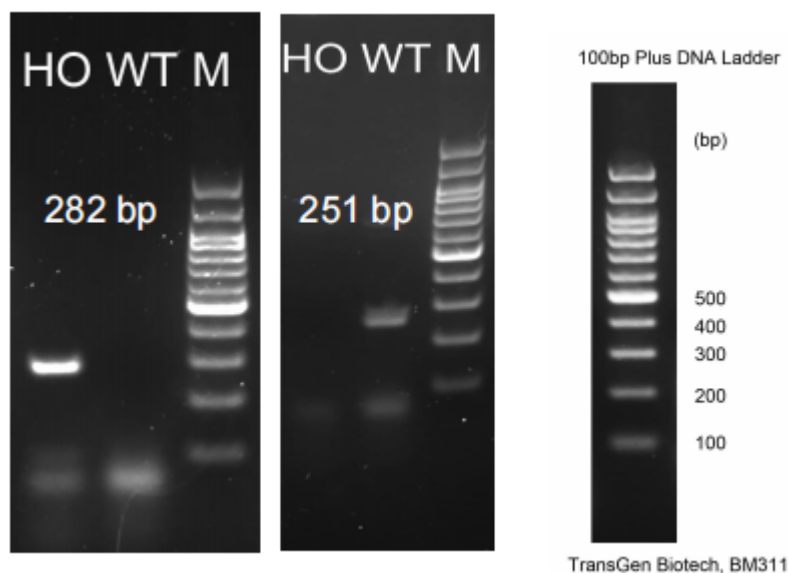


Fig1. Detection of VEGFA expression in lung by RT-PCR.

Wild type: only one band at 251 bp with primers F1/R1(mVegfa); Homozygous: only one band at 282 bp with primers F2/R2(hVEGFA);

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

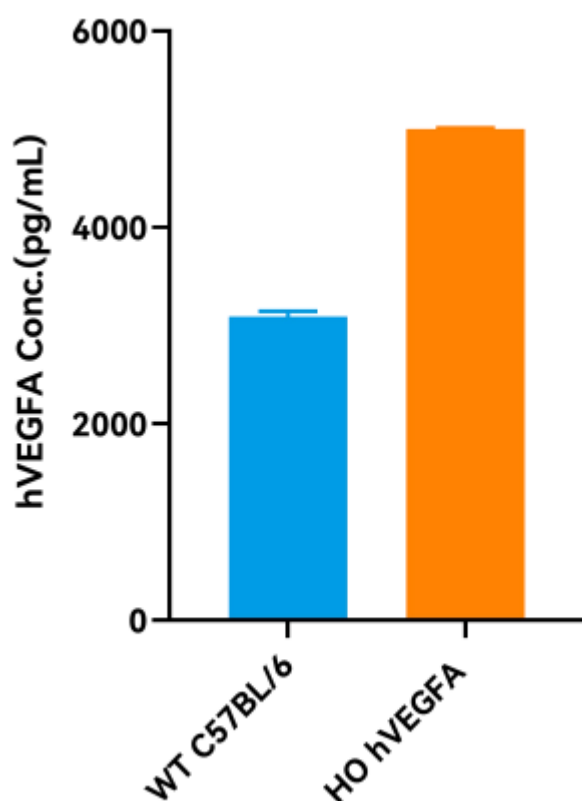


Fig 2. Detection of hVEGFA expression in lung homogenate by ELISA.

Note. The human VEGFA ELISA kit cross-reacted with mVEGFA and humanized VEGFA.

Abbr. HO, homozygous; HE, heterozygous; WT, wild type.

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