

# Acta2-KO

|                     |                                              |
|---------------------|----------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Acta2</i> <sup>em1Smoc</sup> |
| <b>Cat. NO.</b>     | NM-KO-190907                                 |
| <b>Strain State</b> | Embryo cryopreservation                      |

## Gene Summary

|                                    |                       |                                                 |
|------------------------------------|-----------------------|-------------------------------------------------|
| <b>Gene Symbol</b><br><b>Acta2</b> | <b>Synonyms</b>       | Actvs, a-SMA, SMalphaA, alphaSMA, 0610041G09Rik |
|                                    | <b>NCBI ID</b>        | <a href="#">11475</a>                           |
|                                    | <b>MGI ID</b>         | <a href="#">87909</a>                           |
|                                    | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000035783</a>              |
|                                    | <b>Human Ortholog</b> | ACTA2                                           |

## Model Description

exon 3-6 of Acta2 gene was deleted to generate Acta2 knockout mice.

**Research Application:** Vasoconstriction, blood pressure, retinal barrier permeability, retinal cone and rod function

\*Literature published using this strain should indicate: Acta2-KO mice (Cat. NO. NM-KO-190907) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data