

# Adk-KO

|                     |                                            |
|---------------------|--------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Adk</i> <sup>em1Smoc</sup> |
| <b>Cat. NO.</b>     | NM-KO-201237                               |
| <b>Strain State</b> | Embryo cryopreservation                    |

## Gene Summary

|                                  |                       |                                                      |
|----------------------------------|-----------------------|------------------------------------------------------|
| <b>Gene Symbol</b><br><b>Adk</b> | <b>Synonyms</b>       | Ak, AI255373, AI987814, 2310026J05Rik, 5033405D03Rik |
|                                  | <b>NCBI ID</b>        | <a href="#">11534</a>                                |
|                                  | <b>MGI ID</b>         | <a href="#">87930</a>                                |
|                                  | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000039197</a>                   |
|                                  | <b>Human Ortholog</b> | ADK                                                  |

## Model Description

Exon 4 of Adk gene was deleted to generate Adk knockout mice.

\*Literature published using this strain should indicate: Adk-KO mice (Cat. NO. NM-KO-201237) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

|                            |                     |                                                                                                                                                                                                                     |
|----------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fatty Liver Disease</b> | <b>Phenotype(s)</b> | <a href="#">MGI:2449928</a>                                                                                                                                                                                         |
|                            | <b>Reference(s)</b> | Boison D, Scheurer L, Zumsteg V, Rulicke T, Litynski P, Fowler B, Brandner S, Mohler H, Neonatal hepatic steatosis by disruption of the adenosine kinase gene. Proc Natl Acad Sci U S A. 2002 May 14;99(10):6985-90 |

## Validation Data

No data