

# Trp53inp1-KO

<b>Nomenclature</b>	C57BL/6Smoc- <i>Trp53inp1</i> <sup>em1Smoc</sup>
<b>Cat. NO.</b>	NM-KO-201224
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> Trp53inp1	<b>Synonyms</b>	SIP, Teap, SIP18, SIP27, Stinp, p53DINP1, 2700057G22Rik
	<b>NCBI ID</b>	<a href="#">60599</a>
	<b>MGI ID</b>	<a href="#">1926609</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000028211</a>
	<b>Human Ortholog</b>	TP53INP1

## Model Description

Exon 3 of Trp53inp1 gene was deleted to generate Trp53inp1 knockout mice.

\*Literature published using this strain should indicate: Trp53inp1-KO mice (Cat. NO. NM-KO-201224) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Abdominal Obesity-Metabolic Syndrome 1</b>	<b>Phenotype(s)</b>	<a href="#">MGI:3701944</a>
	<b>Reference(s)</b>	Seillier M, Pouyet L, N'Guessan P, Nollet M, Capo F, Guillaumond F, Peyta L, Dumas JF, Varrault A, Bertrand G, Bonnafous S, Tran A, Meur G, Marchetti P, Ravier MA, Dalle S, Gual P, Muller D, Rutter GA, Servais S, Iovanna JL, Carrier A, Defects in mitophagy promote redox-driven metabolic syndrome in the absence of TP53INP1. EMBO Mol Med. 2015 Jun;7(6):802-18

## Validation Data

No data

