

# Btd-KO

<b>Nomenclature</b>	C57BL/6Smoc- <i>Btd</i> <sup>em1Smoc</sup>
<b>Cat. NO.</b>	NM-KO-200630
<b>Strain State</b>	Sperm cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>Btd</b>	<b>Synonyms</b>	-
	<b>NCBI ID</b>	<a href="#">26363</a>
	<b>MGI ID</b>	<a href="#">1347001</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG000000021900</a>
	<b>Human Ortholog</b>	BTD

## Model Description

Exon 2-3 of Btd gene was deleted to generate Btd knockout mice.

**Research Application:** Metabolism and Metabolism Research of Water-soluble Vitamins and Cofactors

\*Literature published using this strain should indicate: Btd-KO mice (Cat. NO. NM-KO-200630) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Biotinidase Deficiency</b>	<b>Phenotype(s)</b>	<a href="#">MGI:4888512</a>
	<b>Reference(s)</b>	Pindolia K, Jordan M, Guo C, Matthews N, Mock DM, Strovel E, Blitzer M, Wolf B, Development and characterization of a mouse with profound biotinidase deficiency: a biotin-responsive neurocutaneous disorder. Mol Genet Metab. 2011 Feb;102(2):161-9

## Validation Data

No data

