

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Adamts1^{tm1Hku}](#)/[Adamts1^{tm1Hku}](#)

RRID:MGI:2450509

Type: Organism

Proper Citation

RRID:MGI:2450509

Organism Information

URL:

Proper Citation: RRID:MGI:2450509

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal adrenal medulla morphology, ureteropelvic junction obstruction, decreased litter size, dilated kidney calyx, homeostasis/metabolism phenotype, dilated uterus, impaired embryo implantation, abnormal ureter morphology, decreased urine chloride ion level, polyuria, decreased mature ovarian follicle number, absent kidney papilla, decreased urine potassium level, uterus cysts, abnormal ureteropelvic junction morphology, kidney papillary hypoplasia, decreased total body fat amount, decreased body weight, reduced female fertility, decreased urine sodium level, abnormal kidney corticomedullary boundary morphology

Affected Gene: Adamts1

Genomic Alteration: tm1Hku

Catalog Number: 2450509

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10811842](#)

Organism Name: Adamts1^{tm1Hku}/Adamts1^{tm1Hku}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Adamts1^{tm1Hku}/Adamts1^{tm1Hku}.

No alerts have been found for Adamts1^{tm1Hku}/Adamts1^{tm1Hku}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.