

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Prop1^{tm1Sac}/Prop1^{tm1Sac}](#)

RRID:MGI:3521854

Type: Organism

Proper Citation

RRID:MGI:3521854

Organism Information

URL:

Proper Citation: RRID:MGI:3521854

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

Species: Mus musculus

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

Phenotype: increased circulating corticosterone level, pituitary gland hypoplasia, cyanosis, abnormal neurohypophysis morphology, small thyroid gland, respiratory distress, atelectasis, abnormal surfactant secretion, adenohypophysis hypoplasia, proportional dwarf, lethargy, abnormal respiratory system physiology, neonatal lethality, incomplete penetrance, postnatal lethality, incomplete penetrance, premature death, small gonad, abnormal pulmonary alveolus morphology, hypopituitarism

Affected Gene: Prop1

Genomic Alteration: tm1Sac

Catalog Number: 3521854

Background: involves: 129S1/Sv * 129S1/SvImJ * 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15459176](#)

Organism Name: Prop1^{tm1Sac}/Prop1^{tm1Sac}

Record Creation Time: 20240120T190643+0000

Record Last Update: 20240130T202029+0000

Ratings and Alerts

No rating or validation information has been found for Prop1^{tm1Sac}/Prop1^{tm1Sac}.

No alerts have been found for Prop1^{tm1Sac}/Prop1^{tm1Sac}.

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.