



C3Sn.B6iA⁻⁶/DnJ

Stock No: 003648 | sighted C3H

Congenic, Wild-Type Allele



AVAILABLE

PLACE ORDER

Live mice available in varying quantities. Ask Customer Service for details.

Overview

Also Known As: sighted C3H

This C3H congenic strain lacks the retinal degeneration gene *Pde6b^{rd1}* that is characteristic of C3H substrains.

READ MORE +

GENETIC OVERVIEW

Genetic Background

000661 C3H/HeSnJ

Generation

N10F15p+F24
(2019-07-10 00:00:00)

Clcc1^{m1J}

Allele Type	Gene Symbol	Gene Name
Spontaneous	<i>Clcc1</i>	chloride channel CLIC-like 1

Pde6b⁺

Allele Type	Gene Symbol	Gene Name
Not Applicable	<i>Pde6b</i>	phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide

V I E W G E N E T I C S

RESEARCH APPLICATIONS

Neurobiology Research
 Mouse/Human Gene Homologs
 Sensorineural Research

V I E W A L L R E S E A R C H A P P L I C A T I O N S

BASE PRICE

Starting at:

\$236.78 Domestic price for female

V I E W P R I C E L I S T

⊖ Details

⊖ Detailed Description

One caveat to working with C3H inbred mice is the retinal degeneration caused by the *Pde6b*^{rd1} mutation. This congenic has the wild-type allele of *Pde6b* from C57BL/LiA bred onto the C3H/HeSnJ background and thus offers most of the strain characteristics of the robust C3H background but without the early onset retinal degeneration. This strain also does not have the *nob5* allele of *Gpr179* (Chang, 2015), but does have the *Clcc1*^{m1J} mutation derived from C3H/HeSnJ.

⊕ Development

⊕ Expression Data

⊕ Control Suggestions

⊕ Selected References

⊖ Genetics

⊕ *Clcc1*^{m1J}

[+ Pde6b⁺](#)

[- Disease/Phenotype](#)

[+ Disease Terms](#)

[+ Research Areas By Genotype](#)

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

[- Technical Support](#)

C H A T O  F L I N E

C O N T A C T T E C H N I C A L S U P P O R T

Genotyping Protocols

Separated PCR: [Clcc1^{m1J}](#)

Standard PCR: [Pde6b⁺](#)

Probe: [Pde6b^{rd1}](#)

Probe: [Clcc1^{m1J}](#) Probe

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Mating System

Homozygote x Homozygote

Appearance

agouti

Related Genotype: *A/A*

Citation

When using the sighted C3H mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003648 in your Materials and Methods section.

[Facility Barrier Level Descriptions](#)

 [AX11 \(Maximum\)](#)

[- Pricing & Availability](#)



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Available

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

Live Mouse

AGE	SEX	GENOTYPE	PRICE
Approx 4-8 weeks	Female	Homozygous for Pde6b ⁺	\$236.78
	Male	Homozygous for Pde6b ⁺	\$236.78

Related Products and Services		
Frozen Mouse Embryo	C3Sn.BLiA-Pde6b<+>/DnJ Frozen Embryos	\$2595.00

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Phone: 207-288-6470

Email: TechTran@jax.org

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