

C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J

Stock No: **022476** | UCHL1-eGFP

 Coisogenic, Transgenic

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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to visualize corticospinal motor neurons.

Donating Investigator

P. Hande Ozdinler, Northwestern University

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(Uchl1-EGFP)G1Phoz

Alele Type

Transgenic (Reporter)

VIEW GENETICS

RESEARCH APPLICATIONS

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

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

Details

Detailed Description

The *Uchl1* gene encodes an ubiquitin-protein hydrolase that also acts as a ligase. These transgenic mice express Enhanced Green Fluorescent Protein under the direction of the mouse *Uchl1*, ubiquitin carboxy-terminal hydrolase L1, gene promoter. EGFP expression pattern closely matches the endogenous *Uchl1* gene expression pattern in corticospinal motor neurons, a subset of spinal motor neurons, dorsal root ganglia and other sensory neurons. Mice that are hemizygous for the transgene are viable and fertile. The Donating Investigator reports that homozygotes are expected to be viable.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(Uchl1-EGFP)G1Phoz

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

- Technical Support

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

Standard PCR: [Tg\(Uchl1-EGFP\)G1Phoz](#)
[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, hemizygous mice may be bred together, to wildtype siblings, or to C57BL/6J inbred mice (Stock No. [000664](#)). The Donating Investigator is attempting to make the strain homozygous, and reports that homozygotes are expected to be viable.

[Additional Breeding and Husbandry Support](#)

Citation

When using the UCHL1-eGFP mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #022476 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)

- Pricing & Availability



Cryo
Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Hemizygous or Non carrier for Tg(Uchl1-EGFP)G1Phoz	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

C57BL/6-Tg(Uchl1-EGFP)G1Phoz/J Frozen Embryo

\$2595.00

PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

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The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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[General Terms and Conditions](#)

Q U E S T I O N S A B O U T T E R M S O F U S E

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license.](#)

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection





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