

B6;129P2-Olfr16^{tm2Mom}/MomJ

Stock No: **006643** | MOR23-GFP

 Targeted Mutation

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

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IRES-mediated co-translation. These GFP reporter mice are useful in studies to identify olfactory sensory neuronal development and topography in glomeruli in the olfactory bulb.

Donating Investigator

Peter Mombaerts, Max Planck Research Unit for Neurogenetics

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GENETIC OVERVIEW

Genetic Background

Generation

Olfr16^{tm2Mom}

Alele Type

Gene Symbol

Gene Name

Targeted (Reporter)

Olfr16

olfactory receptor 16

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

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

Olfactory sensory neurons that express the olfactory receptor *Olf16* also co-express the tauGFP fusion protein by virtue of IRES-mediated co-translation. These neurons can be revealed by the intrinsic fluorescence of GFP, or by immunofluorescence with anti-GFP antibodies. *Olf16* is expressed in zone 4, the most dorsomedial zone of the olfactory epithelium. This reporter allele is combined with other olfactory receptor reporter alleles in Stock Number [027730](#).

Development

Expression Data

Selected References

Genetics

Olf16^{tm2Mom}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

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

Separated PCR:[Olf16](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the MOR23-GFP mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006643 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	Heterozygous for Olf16 <tm2Mom>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6;129P2- Olf16 <tm2Mom>/MomJ	\$2595.00
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Q U E S T I O N S A B O U T T E R M S O F U S E

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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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All

By Allele

By Gene

By Collection



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TOMORROW'S CURES



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Yes No