

## B6.Cg-Gsdma3<sup>Bsk</sup>/J

Stock No: 001368 | bareskin

 Congenic

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

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## GENETIC OVERVIEW

**Genetic Background**

000664 C57BL/6J

**Generation**

### *Gsdma3<sup>Bsk</sup>*

**Allele Type**

Chemically induced (ENU)

**Gene Symbol**

*Gsdma3*

**Gene Name**

gasdermin A3

VIEW GENETICS

## RESEARCH APPLICATIONS

Dermatology Research

Sensorineural Research

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

## Details

### Detailed Description

The initial 1984 report of the bareskin mutation by Lyon and Glenister described heterozygotes and homozygotes having similar phenotype with thickened skin with folds found at approximately 2 weeks of age and the coat being sparse at 3 weeks of age, at the end of the first hair cycle, and becoming progressively thinner leaving the adult with bare skin and some hair on the snout. Corneal opacities were also reported in some heterozygotes at approximately 2 months of age. In 1998 Shiraishi et al. described the phenotype on this C57BL/6J congenic background with hair loss beginning to show at 6 to 8 weeks of age and corneal opacity with recurrent corneal epithelial defects beginning at 2 months of age. Histological assessment showed mild inflammation in the dermal stroma with mild epithelial hyperplasia in the hair follicles and epidermis at 4 months of age, with progression to severe hypoplasia in the hair follicles and epidermis with age.

### Development

## Genetics

### *Gsdma3*<sup>Bsk</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

When maintaining a live colony, these mice can be bred as homozygotes. The phenotype of sparse fur can be recognized at 2 weeks of age. Adults may develop skin lesions.

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the bareskin mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #001368 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      |
|-------------------------------|---|------------|
| <a href="#">Cryo Recovery</a> | Heterozygous or Wild-type for Gsdma3<Bsk> | \$2,854.50 |

## 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.

## THE JACKSON LABORATORY'S GENOTYPE PROMISE

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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#### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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By Allele

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