Overview

This mutation, like other mutations in the disabled 1 gene, is valuable for studying brain development and neuronal migration during development.
## GENETIC OVERVIEW

### Genetic Background

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous (Not Specified)</td>
<td>Dab1</td>
<td>disabled 1</td>
</tr>
</tbody>
</table>

**Dab1<sup>scm-5J</sup>**

## RESEARCH APPLICATIONS

- Developmental Biology Research
- Neurobiology Research

## BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

## Details

### Detailed Description

Mice homozygous for the scrambler 5 Jackson mutation are thin, weak, ataxic and nearly all die by three weeks of age. None have survived beyond four weeks of age. By two weeks of age homozygotes can be identified by their severely unstable gait and inability to right themselves. Histology of the brain shows the scrambled arrangement of the cerebral cortex, hippocampus, and cerebellum that is found in other Dab1 mutants.

### Development

### Control Suggestions

### Selected References

### Genetics

**Dab1<sup>scm-5J</sup>**
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the BKS(Cg)-Dab1<scm-5J>/GsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #016903 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

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

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Progeny testing required but not provided. No genotyping assay is available for these recessive cryo-recovered animals of undefined genotype</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

Related Products and Services

| Frozen Mouse Embryo      | BKS(Cg)-Dab1<scm-5J>/GsrJ                                                                 | $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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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains