Overview

This spontaneous semi-dominant mutant has abnormal development of the axial skeleton, but not the appendicular skeleton, resulting in compressed, misshapen, or fused vertebrae, missing or hemiated intervertebral discs, fused or bifurcated ribs, and shortened, sometimes kinked tail.
**Allele Type**

<table>
<thead>
<tr>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Scs</td>
<td>semi-dominant compacted skeleton</td>
</tr>
</tbody>
</table>

**RESEARCH APPLICATIONS**

Developmental Biology Research

Internal/Organ Research

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

**Detailed Description**

Heterozygotes have a shortened, sometimes kinked or stumpy tail, approximately three quarters of an inch, and a compacted body trunk. Homozygotes have a very short, stumpy tail, approximately half and inch or less in length, and a more compacted body trunk. While the appendicular skeleton does not appear affected, compression of cervical, thoracic, lumbar and sacral vertebrae and missing or herniated intervertebral discs are part of the phenotype. The vertebrae can be misshapen, misaligned, or fused and the ribs can be bifurcated or fused. These phenotypes are less severe in the heterozygote.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

**Scs**

**Disease/Phenotype**

**Disease Terms**
Related Products and Services

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
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<tbody>
<tr>
<td>Frozen Mouse Embryo</td>
<td>C3H/He-Scs/GsrJ</td>
<td>$2595.00</td>
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains