C57BL/6-Prf1<sup>tm1sd/J</sup>

Stock No: 002407 | Prf1 KO

Targeted Mutation

Overview

Also Known As: Prf1 KO
Homozygous mutant mice have normal numbers of CD8<sup>+</sup> T cells and NK cells. CTL and NK cells are unable to lyse virus-infected or allogeneic fibroblasts in vitro. Homozygotes fail to clear lymphocytic choriomeningitis virus. Fibrosarcoma tumor cells are eliminated with reduced efficiency.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>F7×N3F3pF10 (13-JUN-18)</td>
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</tbody>
</table>

**Prf1**<sup>tm1sd</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Prf1</td>
<td>perforin 1 (pore forming protein)</td>
</tr>
</tbody>
</table>
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