Overview

AK.B6-Cln8<sup>mnd</sup> /J
Stock No: 003906 | motor neuron degeneration

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

**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>000648 AKR/J</td>
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**Cln8<sup>mnd</sup>**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tr>
<td>Spontaneous</td>
<td>Cln8</td>
<td>ceroid-lipofuscinosis, neuronal 8</td>
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**RESEARCH APPLICATIONS**

Neurobiology Research
Sensorineural Research

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery
Cln8<sup>mnd</sup> mice are characterized by hindlimb weakness and ataxia starting at 5-11 months of age, progressing to severe spastic paralysis of all limbs, with premature death. Histopathology reveals degeneration of upper and lower motoneurons. Both sexes are affected; the mice are fertile, although breeding efficiency is reduced. In outcrosses to wild-type, symptoms have been observed in all obligate heterozygotes, with a similar age range for onset to that of homozygotes.
Genotyping Protocols
Standard PCR: Cln8
Genotyping resources and troubleshooting

Appearance
albino
Related Genotype: a/a Tyf<sup>c</sup> / Tyf<sup>c</sup>

Citation
When using the motor neuron degeneration mouse strain in a publication, please cite the originating article(s) and include JAX stock #003906 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

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

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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Homozygous for Cln8&lt;sup&gt;mnd&lt;/sup&gt;, 1 pair minimum</td>
<td>$2,854.50</td>
</tr>
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Terms Of Use

General Terms and Conditions

License Information

Phone: 207-288-6470
Email: TechTran@jax.org

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains