C 5 7 B L /S6J J-2 5 a m81v w M v w

Stock No: 029894 | hs1642

Coisogenic, Endonuclease-Mediated Mutation

CRYO RECOVERY

PLACE ORDER

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

Overview

Also Known As: hs1642
This 440 bp deletion from Chromosome 6: 6,163,224 bp - 6,163,663 bp (GRCM38.p4) within the \textit{Slc25a13} gene deletes the murine equivalent sequence to human enhancer hs1642. This enhancer is believed to impact \textit{Dlx5} expression, but mice homozygous for this 440 bp deletion have no abnormal outward phenotype and normal hearing as assessed by ABR.

\begin{table}
\centering
\begin{tabular}{|l|l|l|}
\hline
Genetic Background & Generation & \\
000664 C57BL/6J & \\
\hline
\textit{Slc25a13}\textsuperscript{em8Mvw} & \\
\hline
Allele Type & Gene Symbol & Gene Name \\
Endonuclease-mediated (Not Specified) & \textit{Slc25a13} & solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator), member 13 \\
\hline
\end{tabular}
\end{table}

\section*{RESEARCH APPLICATIONS}

Sensorineural Research

\section*{BASE PRICE}

Starting at:

$2,854.50 Domestic price Cryo Recovery

\section*{Details}

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\section*{Development}

\section*{Control Suggestions}

\section*{Selected References}
### Genotyping Protocols

**Genotyping resources and troubleshooting**

### Mating System

**Homozygote x Homozygote**

### Citation

When using the hs1642 mouse strain in a publication, please cite the originating article(s) and include JAX stock #029894 in your Materials and Methods section.

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

### Pricing & Availability

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for S1c25a13&lt;em8Mw&gt;</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

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

All

By Allele

By Gene

By Collection

All Related Strains

B6.SJL(C)-Slc25a13hspn/Kjn
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Related By: Stc25a13

C57BL/6J-Slc25a13em9Mvw/Mvw
Stock No: 029895
Related By: Stc25a13
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