**Overview**

Also Known As: CZECH2

CZECHII/EiJ was derived from wild mice trapped in Slovakia (formerly Czechoslovakia). CZECH exhibits Py-induced metastatic osteosarcoma and carries a Tlr3 variant that results in hypo-responsiveness to poly(I:C) stimulation. Wild-derived mice are genetically distinct from common laboratory mice for a number of complex phenotypic characteristics and are valuable tools for genetic mapping, evolution and systematics research.
RESEARCH APPLICATIONS
Immunology, Inflammation and Autoimmunity Research
Research Tools
Cancer Research

BASE PRICE
Starting at:
$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description
CZECHII/EiJ was derived from wild mice trapped in Slovakia (formerly Czechoslovakia). Unique among the thirty inbred strains tested, Velupillai et. al. reported that CZECH mice inoculated with mouse polyoma virus (Py) develop metastatic lesions in the lung derived from osteosarcomas. As such, CZECH may serve as a model for metastatic osteosarcoma in the presence of functional TRP53.

Stephan et. al. reported that wild-derived strains, CZECH, MOLF (Stock No. 000550) and MSM (Stock No. 003719), exhibit decreased secretion of TNF in response to stimulation by poly(I:C) (a synthetic analog of double-stranded RNA), the result of a P369L substitution in Tlr3. Response to Tlr2, Tlr4 and Tlr7-agonists is normal.

Wild-derived mice are genetically distinct from common laboratory mice for a number of complex phenotypic characteristics and are valuable tools for genetic mapping, evolution and systematics research.

Development

Selected References

Genetics

Thy1

Disease/Phenotype
Genotyping Protocols
Genotyping resources and troubleshooting

**Appearance**
white-bellied agouti
Related Genotype: \( A^w/A^w \)

**Citation**
When using the CZECHII/EiJ mouse strain in a publication, please include JAX stock #001144 in your Materials and Methods section.

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

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**Pricing & Availability**

**Cryo Recovery**
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>Inbred, 1 pair minimum will be supplied</td>
<td>$2,854.50</td>
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