



CHD8 knockout rat

Model	CHD8 knockout rat
Strain	HsdSage:SD- CHD8 ^{tm1Sage}
Location	U.S.
Availability	Cryopreserved

Characteristics/husbandry

- + This model was created in collaboration with Autism Speaks
- + 13 bp deletion in CHD8
- + Background Strain: Sprague Dawley

Zygoty genotype

- + Cryopreserved as heterozygous embryos

Research use

- + Autism

Origin

The CHD8 KO rat model was originally created at SAGE Labs, Inc. in St. Louis, MO and distributed out of the Boyertown, PA facility. The line continues to be maintained through the original SAGE Labs animal inventory acquired by Envigo.

Description

Generated in conjunction with Autism Speaks, this knockout rat model possesses a 13 bp deletion in the chromodomain helicase DNA binding protein encoded by the CHD8 gene and is a chromatin regulator enzyme that is essential during fetal development. CHD8 has been associated with autism spectrum disorders.

Contact us

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