

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

SD-Rnaset2^{em1}Sage

RRID:RGD_13781890

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13781890>

Proper Citation: RRID:RGD_13781890

Description: Rattus norvegicus with name SD-Rnaset2^{em1}Sage from RGD.

Species: Rattus norvegicus

Notes: Two pairs of CRISPR guide RNAs were designed to cleave together to delete all 9 exons of RNaseT2. The CRISPR guide RNA and Cas9 mRNA mixtures were microinjected into the pronuclei of fertilized embryos of Sprague-Dawley rats and transferred to pseudopregnant female rats. WT, heterozygous and homozygous (KO) rats were born in the expected Mendelian ratio, and homozygous RNaseT2 KO rats were viable and fertile.

Catalog Number: 13781890

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13781890

Organism Name: SD-Rnaset2^{em1}Sage

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260919T201848+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Rnaset2*^{em1Sage}.

No alerts have been found for SD-*Rnaset2*^{em1Sage}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#).

Sinkevicius KW, et al. (2018) RNaseT2 knockout rats exhibit hippocampal neuropathology and deficits in memory. Disease models & mechanisms, 11(6).