

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

Thy1 promoter construct

RRID:Addgene_20736

Type: Plasmid

Proper Citation

RRID:Addgene_20736

Plasmid Information

URL: <http://www.addgene.org/20736>

Proper Citation: RRID:Addgene_20736

Insert Name: Thy1 promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11086982](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pTS(2); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Contains 6.5 kb of the murine thy1.2 gene, extending from the promoter to the intron following exon 4, but lacking exon 3 and its flanking introns (see Figure 1 in Caroni 1997). P. Caroni, Overexpression of growth-associated proteins in the neurons of adult transgenic mice. J. Neurosci. Methods 71 (1997), pp. 3–9
<https://www.ncbi.nlm.nih.gov/pubmed/9125370>

Plasmid Name: Thy1 promoter construct

Record Creation Time: 20220422T222052+0000

Record Last Update: 20260801T081000+0000

Ratings and Alerts

No rating or validation information has been found for Thy1 promoter construct.

No alerts have been found for Thy1 promoter construct.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Tohmi M, et al. (2026) Transcranial Calcium Macro-Imaging From the Auditory Cortex of Thy1-Cre-Driven GCaMP8 Transgenic Rats. *Neuropsychopharmacology reports*, 46(2), e70113.

Kethamreddy M, et al. (2025) Evaluation of [18F]F-CNBI and [18F]F-CNPI PET Probes in GSK-3? Transgenic Mice. *ACS chemical neuroscience*, 16(17), 3340.

Chiovini B, et al. (2021) Theoretical Design, Synthesis, and In Vitro Neurobiological Applications of a Highly Efficient Two-Photon Caged GABA Validated on an Epileptic Case. *ACS omega*, 6(23), 15029.

Gaubas E, et al. (2021) Modulation of OSCP mitigates mitochondrial and synaptic deficits in a mouse model of Alzheimer's pathology. *Neurobiology of aging*, 98, 63.

Sato M, et al. (2020) Distinct Mechanisms of Over-Representation of Landmarks and Rewards in the Hippocampus. *Cell reports*, 32(1), 107864.

Yang C, et al. (2016) Mutant PFN1 causes ALS phenotypes and progressive motor neuron degeneration in mice by a gain of toxicity. *Proceedings of the National Academy of Sciences of the United States of America*, 113(41), E6209.

Hermann M, et al. (2014) Binary recombinase systems for high-resolution conditional mutagenesis. *Nucleic acids research*, 42(6), 3894.