

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

pIS1-Actb5UTR-renilla

RRID:Addgene_38234

Type: Plasmid

Proper Citation

RRID:Addgene_38234

Plasmid Information

URL: <http://www.addgene.org/38234>

Proper Citation: RRID:Addgene_38234

Insert Name: Actb 5'UTR / Renilla

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22552098](#)

Vector Backbone Description: Backbone Size:3500; Vector Backbone:pIS1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pIS1-Actb5UTR-renilla

Relevant Mutation: Actb 5' UTR fused to renilla ORF

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260826T042202+0000

Ratings and Alerts

No rating or validation information has been found for pIS1-Actb5UTR-renilla.

No alerts have been found for pIS1-Actb5UTR-renilla.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Badralmaa Y, et al. (2025) Aberrant Wnt/ β -catenin signaling in the mesenchymal stem cells of LZTFL1-depleted mice leads to increased adipogenesis, with implications for obesity. The Journal of biological chemistry, 301(1), 108057.

Iezaki T, et al. (2018) Translational Control of Sox9 RNA by mTORC1 Contributes to Skeletogenesis. Stem cell reports, 11(1), 228.

Susor A, et al. (2015) Temporal and spatial regulation of translation in the mammalian oocyte via the mTOR-eIF4F pathway. Nature communications, 6, 6078.