

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pHes1(467)-luc

RRID:Addgene_41723

Type: Plasmid

Proper Citation

RRID:Addgene_41723

Plasmid Information

URL: <http://www.addgene.org/41723>

Proper Citation: RRID:Addgene_41723

Insert Name: Hes1 Promoter (-467 to +46)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9570950](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5597; Vector Backbone:pGL2-Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: Alternate plasmid name: Hes1-Luc

Plasmid Name: pHes1(467)-luc

Relevant Mutation: Contains the murine Hes1 promoter (-467 to +46)

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260725T074655+0000

Ratings and Alerts

No rating or validation information has been found for pHes1(467)-luc.

No alerts have been found for pHes1(467)-luc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Gazdik TR, et al. (2024) Notch intracellular domains form transcriptionally active heterodimeric complexes on sequence-paired sites. Scientific reports, 14(1), 218.

Devitt L, et al. (2024) NRN1 interacts with Notch to increase oncogenic STAT3 signaling in melanoma. Cell communication and signaling : CCS, 22(1), 256.

Sfeir N, et al. (2024) RIP140 regulates transcription factor HES1 oscillatory expression and mitogenic activity in colon cancer cells. Molecular oncology.

Kim MS, et al. (2024) Disrupting Notch signaling related HES1 in myeloid cells reinvigorates antitumor T cell responses. Experimental hematology & oncology, 13(1), 122.

Dixit G, et al. (2023) FGFR2 mutations promote endometrial cancer progression through dual engagement of EGFR and Notch signalling pathways. Clinical and translational medicine, 13(5), e1223.

Mukherjee M, et al. (2020) Notch signaling regulates Akap12 expression and primary cilia length during renal tubule morphogenesis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(7), 9512.

Luque-Molina I, et al. (2019) The Orphan Nuclear Receptor TLX Represses Hes1 Expression, Thereby Affecting NOTCH Signaling and Lineage Progression in the Adult SEZ. Stem cell reports, 13(1), 132.

Greife A, et al. (2014) Canonical Notch signalling is inactive in urothelial carcinoma. BMC cancer, 14, 628.