

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

pCS2 Notch1 Full Length-6MT

RRID:Addgene_41728

Type: Plasmid

Proper Citation

RRID:Addgene_41728

Plasmid Information

URL: <http://www.addgene.org/41728>

Proper Citation: RRID:Addgene_41728

Insert Name: Notch-1 Full Length

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9620803](#)

Vector Backbone Description: Backbone Size:4352; Vector Backbone:pCS2+MT;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Alternate plasmid name: pCS2 NFL6MT pCS+ NFL contains the Notch-1 protein up to amino acid 2184 fused to a hexameric Myc tag at the carboxy terminus.

Plasmid Name: pCS2 Notch1 Full Length-6MT

Relevant Mutation: L1997V; Contains murine Notch-1 protein up to amino acid 2184

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260801T081301+0000

Ratings and Alerts

No rating or validation information has been found for pCS2 Notch1 Full Length-6MT.

No alerts have been found for pCS2 Notch1 Full Length-6MT.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Barão S, et al. (2024) BRN1/2 Function in Neocortical Size Determination and Microcephaly. bioRxiv : the preprint server for biology.

Barão S, et al. (2024) Conserved transcriptional regulation by BRN1 and BRN2 in neocortical progenitors drives mammalian neural specification and neocortical expansion. Nature communications, 15(1), 8043.

Wang YZ, et al. (2024) Notch receptor-ligand binding facilitates extracellular vesicle-mediated neuron-to-neuron communication. Cell reports, 43(2), 113680.

Nomura T, et al. (2022) Temperature sensitivity of Notch signaling underlies species-specific developmental plasticity and robustness in amniote brains. Nature communications, 13(1), 96.

van den Ameele J, et al. (2022) Reduced chromatin accessibility correlates with resistance to Notch activation. Nature communications, 13(1), 2210.

Zeronian MR, et al. (2021) Notch-Jagged signaling complex defined by an interaction mosaic. Proceedings of the National Academy of Sciences of the United States of America, 118(30).

Shurer CR, et al. (2019) Physical Principles of Membrane Shape Regulation by the Glycocalyx. Cell, 177(7), 1757.

Du H, et al. (2017) Macrophage-released ADAMTS1 promotes muscle stem cell activation. Nature communications, 8(1), 669.

Huang CK, et al. (2016) Anti-Tumor Effects of Second Generation α -Hydroxylase Inhibitors on Cholangiocarcinoma Development and Progression. PloS one, 11(3), e0150336.

Zhou W, et al. (2016) BLOS2 negatively regulates Notch signaling during neural and hematopoietic stem and progenitor cell development. eLife, 5.

Raikwar NS, et al. (2016) Ectodomain cleavage of FLT1 regulates receptor activation and function and is not required for its downstream intracellular cleavage. Experimental cell research, 344(1), 103.

Rodríguez-Fraticelli AE, et al. (2015) Developmental regulation of apical endocytosis controls epithelial patterning in vertebrate tubular organs. Nature cell biology, 17(3), 241.