

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

Axin2 probe

RRID:Addgene_21277

Type: Plasmid

Proper Citation

RRID:Addgene_21277

Plasmid Information

URL: <http://www.addgene.org/21277>

Proper Citation: RRID:Addgene_21277

Insert Name: Axin2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11809808](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript II KS; Vector Types:For riboprobe synthesis; Bacterial Resistance:Ampicillin

Comments: Tong DNA #94. The DNA is a HindIII fragment of mouse Axin2 (nucleotides 1-2397) in pBluescript-KS. The antisense and sense Axin2 riboprobes were made by linearizing this plasmid with NotI or SalI and transcribing with T3 or T7 RNA polymerase, respectively. List of DNAs says " ~2 kb DIII fragment of Axin2 (1-2397) in pBS-KS".

Plasmid Name: Axin2 probe

Relevant Mutation: cDNA bp 1774 to 2787

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260808T081408+0000

Ratings and Alerts

No rating or validation information has been found for Axin2 probe.

No alerts have been found for Axin2 probe.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Naruse H, et al. (2021) The Wnt/ β -catenin signaling pathway has a healing ability for periapical periodontitis. Scientific reports, 11(1), 19673.

Hashimoto K, et al. (2019) Loss of the small GTPase Arl8b results in abnormal development of the roof plate in mouse embryos. Genes to cells : devoted to molecular & cellular mechanisms, 24(6), 436.

Yoshioka S, et al. (2013) Activation of the Wnt/ β -catenin pathway and tissue inhibitor of metalloprotease 1 during tertiary dentinogenesis. Journal of biochemistry, 153(1), 43.

Abe M, et al. (2010) Hand2 regulates chondrogenesis in vitro and in vivo. Bone, 46(5), 1359.