

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pSP64TS Activin pro Vg1 Flag (DM#171)

RRID:Addgene_15010

Type: Plasmid

Proper Citation

RRID:Addgene_15010

Plasmid Information

URL: <http://www.addgene.org/15010>

Proper Citation: RRID:Addgene_15010

Insert Name: activin-Vg1

Organism: *Xenopus laevis*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8797821](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pSP64TS; Vector Types:Sp6 expression for use in *Xenopus*; Bacterial Resistance:Ampicillin

Comments: Chimeric activin-Vg1 mRNA, encoding the pro-region of activin ?B fused to the mature region of Vg1, resulting in the processing and secretion of mature Vg1. The activin ?B-Vg1 hybrid was constructed by PCR amplification of a fragment of a *Xenopus* activin ?B gene encoding the N-terminal pro-region, the tetrabasic cleavage site and the first four amino acids of the C-terminal mature region. This fragment was ligated, in frame, to a PCR amplified fragment of the Vg1 gene encoding the C-terminal mature region lacking the first four amino acids. The ligation product was reamplified, digested at terminal restriction sites and cloned into pSP64TS. The FLAG epitope (DYKDDDK) and a protein kinase recognition site (RRASV) were inserted three amino acids downstream of the tetrabasic cleavage site. See Author's Map for more information.

Plasmid Name: pSP64TS Activin pro Vg1 Flag (DM#171)

Record Creation Time: 20220422T221831+0000

Record Last Update: 20260808T080944+0000

Ratings and Alerts

No rating or validation information has been found for pSP64TS Activin pro Vg1 Flag (DM#171).

No alerts have been found for pSP64TS Activin pro Vg1 Flag (DM#171).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.