

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pcDNA Flag-Smad4M

RRID:Addgene_14959

Type: Plasmid

Proper Citation

RRID:Addgene_14959

Plasmid Information

URL: <http://www.addgene.org/14959>

Proper Citation: RRID:Addgene_14959

Insert Name: Smad4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16172383](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Site directed mutagenesis in the coding sequence of Tyr162 (from TAT to TAC) and Val163 (from GTG to GTT). The mutated sequence encodes the same amino acids. See author's map for more information.

Plasmid Name: pcDNA Flag-Smad4M

Record Creation Time: 20220422T221830+0000

Record Last Update: 20260815T080716+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA Flag-Smad4M.

No alerts have been found for pcDNA Flag-Smad4M.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Martin-Malpartida P, et al. (2017) Structural basis for genome wide recognition of 5-bp GC motifs by SMAD transcription factors. Nature communications, 8(1), 2070.

Tyagi A, et al. (2011) Resveratrol selectively induces DNA Damage, independent of Smad4 expression, in its efficacy against human head and neck squamous cell carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 17(16), 5402.