

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

pCMV5 Flag-Smad2 EPSM

RRID:Addgene_14933

Type: Plasmid

Proper Citation

RRID:Addgene_14933

Plasmid Information

URL: <http://www.addgene.org/14933>

Proper Citation: RRID:Addgene_14933

Insert Name: Smad2 EPSM

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10197981](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See article for more information.

Plasmid Name: pCMV5 Flag-Smad2 EPSM

Relevant Mutation: Erk/Pro-directed kinase site mutant (EPSM). T220V, S245A, S250A, S255A.

Record Creation Time: 20220422T221829+0000

Record Last Update: 20260919T091047+0000

Ratings and Alerts

No rating or validation information has been found for pCMV5 Flag-Smad2 EPSM.

No alerts have been found for pCMV5 Flag-Smad2 EPSM.

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 [dkNET](#) .

van den Akker GG, et al. (2017) Interleukin 1 β -induced SMAD2/3 linker modifications are TAK1 dependent and delay TGF β signaling in primary human mesenchymal stem cells. Cellular signalling, 40, 190.

Clements M, et al. (2011) Crosstalk between Nodal/activin and MAPK p38 signaling is essential for anterior-posterior axis specification. Current biology : CB, 21(15), 1289.