

Resource Summary Report

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

CS2 Flag-Smad3 (EPSM)

RRID:Addgene_14963

Type: Plasmid

Proper Citation

RRID:Addgene_14963

Plasmid Information

URL: <http://www.addgene.org/14963>

Proper Citation: RRID:Addgene_14963

Insert Name: Smad3 (EPSM)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10197981](#)

Vector Backbone Description: Backbone Size:4100; Vector Backbone:pCS2; Vector Types:xenopus/mammalian/avian/zebrafish; Bacterial Resistance:Ampicillin

Comments: 3SP and 1TP sites in the linker are mutated to alanine or valine (T-DV). See author's map for more information. Please note that the mutations correspond to residues 179, 204, 208, and 213 of the native Smad3 protein.

Plasmid Name: CS2 Flag-Smad3 (EPSM)

Relevant Mutation: T178V, S203A, S207A, S212A

Record Creation Time: 20220422T221830+0000

Record Last Update: 20260815T080718+0000

Ratings and Alerts

No rating or validation information has been found for CS2 Flag-Smad3 (EPSM).

No alerts have been found for CS2 Flag-Smad3 (EPSM).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhou J, et al. (2022) pVHL-mediated SMAD3 degradation suppresses TGF- β signaling. The Journal of cell biology, 221(1).

Huang Z, et al. (2017) Transforming growth factor β 1 promotes invasion of human JEG-3 trophoblast cells via TGF- β /Smad3 signaling pathway. Oncotarget, 8(20), 33560.

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.

Vukotic M, et al. (2017) Acylglycerol Kinase Mutated in Sengers Syndrome Is a Subunit of the TIM22 Protein Translocase in Mitochondria. Molecular cell, 67(3), 471.

Li L, et al. (2015) TGF- β induces fascin expression in gastric cancer via phosphorylation of smad3 linker area. American journal of cancer research, 5(6), 1890.

Li Y, et al. (2015) Iron-induced Local Complement Component 3 (C3) Up-regulation via Non-canonical Transforming Growth Factor (TGF)- β Signaling in the Retinal Pigment Epithelium. The Journal of biological chemistry, 290(19), 11918.