

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCMV5B-Flag-Smurf2 C716A

RRID:Addgene_11747

Type: Plasmid

Proper Citation

RRID:Addgene_11747

Plasmid Information

URL: <http://www.addgene.org/11747>

Proper Citation: RRID:Addgene_11747

Insert Name: SMURF2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11163210](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCMV5B; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV5B-Flag-Smurf2 C716A

Relevant Mutation: C716A: catalytically inactive

Record Creation Time: 20220422T221615+0000

Record Last Update: 20260725T073608+0000

Ratings and Alerts

No rating or validation information has been found for pCMV5B-Flag-Smurf2 C716A.

No alerts have been found for pCMV5B-Flag-Smurf2 C716A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Perron T, et al. (2024) CYYR1 promotes the degradation of the E3 ubiquitin ligase WWP1 and is associated with favorable prognosis in breast cancer. The Journal of biological chemistry, 300(9), 107601.

Shepley-McTaggart A, et al. (2021) Ubiquitin Ligase SMURF2 Interacts with Filovirus VP40 and Promotes Egress of VP40 VLPs. Viruses, 13(2).

Fang C, et al. (2019) ZFYVE21 is a complement-induced Rab5 effector that activates non-canonical NF- κ B via phosphoinositide remodeling of endosomes. Nature communications, 10(1), 2247.

Takebayashi-Suzuki K, et al. (2018) Coordinated regulation of the dorsal-ventral and anterior-posterior patterning of Xenopus embryos by the BTB/POZ zinc finger protein Zbtb14. Development, growth & differentiation, 60(3), 158.

Malonis RJ, et al. (2017) RNF11 sequestration of the E3 ligase SMURF2 on membranes antagonizes SMAD7 down-regulation of transforming growth factor β signaling. The Journal of biological chemistry, 292(18), 7435.