

Resource Summary Report

Generated by [kravitz2](#) on Sep 3, 2026

mADAM17 in pcDNA3.1

RRID:Addgene_19141

Type: Plasmid

Proper Citation

RRID:Addgene_19141

Plasmid Information

URL: <http://www.addgene.org/19141>

Proper Citation: RRID:Addgene_19141

Insert Name: ADAM17

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17389606](#)

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

Plasmid Name: mADAM17 in pcDNA3.1

Record Creation Time: 20220422T222044+0000

Record Last Update: 20260902T043342+0000

Ratings and Alerts

No rating or validation information has been found for mADAM17 in pcDNA3.1.

No alerts have been found for mADAM17 in pcDNA3.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Pedersen KB, et al. (2015) Dynamics of ADAM17-Mediated Shedding of ACE2 Applied to Pancreatic Islets of Male db/db Mice. *Endocrinology*, 156(12), 4411.

de Queiroz TM, et al. (2015) ??-Lipoic acid reduces neurogenic hypertension by blunting oxidative stress-mediated increase in ADAM17. *American journal of physiology. Heart and circulatory physiology*, 309(5), H926.

Prakasam HS, et al. (2014) A1 adenosine receptor-stimulated exocytosis in bladder umbrella cells requires phosphorylation of ADAM17 Ser-811 and EGF receptor transactivation. *Molecular biology of the cell*, 25(23), 3798.

Browne K, et al. (2012) Transmembrane semaphorin5B is proteolytically processed into a repulsive neural guidance cue. *Journal of neurochemistry*, 123(1), 135.