

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

Sema5a-AP-His

RRID:Addgene_72035

Type: Plasmid

Proper Citation

RRID:Addgene_72035

Plasmid Information

URL: <http://www.addgene.org/72035>

Proper Citation: RRID:Addgene_72035

Insert Name: Sema5a

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26633812](#)

Vector Backbone Description: Vector Backbone:pCMVi-SV40ori; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Sema5a-AP-His

Record Creation Time: 20220422T222443+0000

Record Last Update: 20260902T050055+0000

Ratings and Alerts

No rating or validation information has been found for Sema5a-AP-His.

No alerts have been found for Sema5a-AP-His.

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](#) .

Takahashi M, et al. (2026) Autism spectrum disorder-associated Sema5A p.Arg676Cys drives Arf6/FE65 signaling and aberrant cell morphogenesis. Scientific reports, 16(1).

Okabe M, et al. (2023) RhoG-Binding Domain of Elmo1 Ameliorates Excessive Process Elongation Induced by Autism Spectrum Disorder-Associated Sema5A. Pathophysiology : the official journal of the International Society for Pathophysiology, 30(4), 548.