

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pCMV-myc-Sema4D

RRID:Addgene_51599

Type: Plasmid

Proper Citation

RRID:Addgene_51599

Plasmid Information

URL: <http://www.addgene.org/51599>

Proper Citation: RRID:Addgene_51599

Insert Name: Sema4D

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24036351](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note that the sequence of the myc epitope tag in this plasmid is MQKLISEEDLL, which differs from the standard EQKLISEEDLL. The Sema4D insert in this plasmid does not contain amino acids 1-50 and contains a L745P mutation when compared to GenBank reference sequence NP_542764.2

Plasmid Name: pCMV-myc-Sema4D

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260815T081615+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-myc-Sema4D.

No alerts have been found for pCMV-myc-Sema4D.

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](#) .

Bessa P, et al. (2024) Semaphorin heterodimerization in cis regulates membrane targeting and neocortical wiring. Nature communications, 15(1), 7059.

Anitei M, et al. (2024) IER3IP1-mutations cause microcephaly by selective inhibition of ER-Golgi transport. Cellular and molecular life sciences : CMLS, 81(1), 334.