

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 28, 2026

pCMV-myc-Sema4D-CD4-FLAG

RRID:Addgene_51601

Type: Plasmid

Proper Citation

RRID:Addgene_51601

Plasmid Information

URL: <http://www.addgene.org/51601>

Proper Citation: RRID:Addgene_51601

Insert Name: Sema4D/CD4-FLAG

Organism: Homo sapiens

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 of GenBank reference sequence NP_542764.2.

Plasmid Name: pCMV-myc-Sema4D-CD4-FLAG

Relevant Mutation: Sema4D amino acids 660-861 were replaced with CD4 amino acids 378-458.silent mutations between amino acids (approx 275-281) to make resistant against shRNA1. Also silent mutation at aa 54-60 to make susceptible to shRNA2.

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260826T042322+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-myc-Sema4D-CD4-FLAG.

No alerts have been found for pCMV-myc-Sema4D-CD4-FLAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.