

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

mPlum-VE-Cadherin-N-10

RRID:Addgene_56005

Type: Plasmid

Proper Citation

RRID:Addgene_56005

Plasmid Information

URL: <http://www.addgene.org/56005>

Proper Citation: RRID:Addgene_56005

Insert Name: VE-Cadherin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mPlum-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Excitation = 590; Emission = 649 Addgene QC NGS analysis identifies an I503T discrepancy in the insert sequence. It is unknown what, if any, impact this may have on plasmid function.

Plasmid Name: mPlum-VE-Cadherin-N-10

Relevant Mutation: I503T

Record Creation Time: 20220422T222327+0000

Record Last Update: 20260815T081655+0000

Ratings and Alerts

No rating or validation information has been found for mPlum-VE-Cadherin-N-10.

No alerts have been found for mPlum-VE-Cadherin-N-10.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Miroshnikova YA, et al. (2021) Calcium signaling mediates a biphasic mechanoadaptive response of endothelial cells to cyclic mechanical stretch. Molecular biology of the cell, 32(18), 1724.