# Resource Summary Report

Generated by dkNET on Aug 3, 2026

## mEmerald-CD9-10

RRID:Addgene_54029
Type: Plasmid

### Proper Citation

RRID:Addgene_54029

### Plasmid Information

**URL:** http://www.addgene.org/54029

**Proper Citation:** RRID:Addgene_54029

**Insert Name:** CD9

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Size:4750; Vector Backbone:mEmerald; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** . Excitation = 487; Emission = 509. Localization data: Tetraspanin/Membrane

**Plasmid Name:** mEmerald-CD9-10

**Record Creation Time:** 20220422T222316+0000

**Record Last Update:** 20260801T081452+0000

### Ratings and Alerts

No rating or validation information has been found for mEmerald-CD9-10.

No alerts have been found for mEmerald-CD9-10.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 9 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET .

Colombo F, et al. (2025) Exploring the Spatial Limits of Extracellular Vesicles-Mediated Intercellular Communication. Journal of extracellular vesicles, 14(11), e70169.

Yaeger JDW, et al. (2025) Cholesterol deficiency directs autophagy-dependent secretion of extracellular vesicles. bioRxiv : the preprint server for biology.

Ko SY, et al. (2023) The glycoprotein CD147 defines miRNA-enriched extracellular vesicles that derive from cancer cells. Journal of extracellular vesicles, 12(4), e12318.

Kim HK, et al. (2022) Engineered small extracellular vesicles displaying ACE2 variants on the surface protect against SARS-CoV-2 infection. Journal of extracellular vesicles, 11(1), e12179.

Clayton K, et al. (2021) Plaque associated microglia hyper-secrete extracellular vesicles and accelerate tau propagation in a humanized APP mouse model. Molecular neurodegeneration, 16(1), 18.

Troyer Z, et al. (2021) Extracellular vesicles carry SARS-CoV-2 spike protein and serve as decoys for neutralizing antibodies. Journal of extracellular vesicles, 10(8), e12112.

Yokoi A, et al. (2019) Mechanisms of nuclear content loading to exosomes. Science advances, 5(11), eaax8849.

Schiller LT, et al. (2018) Enhanced Production of Exosome-Associated AAV by Overexpression of the Tetraspanin CD9. Molecular therapy. Methods & clinical development, 9, 278.

B??ker KO, et al. (2018) The Impact of the CD9 Tetraspanin on Lentivirus Infectivity and Exosome Secretion. Molecular therapy : the journal of the American Society of Gene Therapy, 26(2), 634.