

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

mCherry-CD81-10

RRID:Addgene_55012

Type: Plasmid

Proper Citation

RRID:Addgene_55012

Plasmid Information

URL: <http://www.addgene.org/55012>

Proper Citation: RRID:Addgene_55012

Insert Name: CD81

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 587; Emission = 610

Plasmid Name: mCherry-CD81-10

Record Creation Time: 20220422T222322+0000

Record Last Update: 20260902T045718+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-CD81-10.

No alerts have been found for mCherry-CD81-10.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

García-Trujillo M, et al. (2025) Impact of the compensation effect on the production of recombinant CD81-functionalized HIV-1 Gag virus-like particles and extracellular vesicles in HEK293 cells. *New biotechnology*, 90, 298.

Zhang R, et al. (2025) PKC γ regulates the secretion of PDL1-carrying small extracellular vesicles in a p53-dependent manner. *Cell death & disease*, 16(1), 19.

McNamara RP, et al. (2022) Imaging of surface microdomains on individual extracellular vesicles in 3-D. *Journal of extracellular vesicles*, 11(3), e12191.

Hao M, et al. (2021) Autophagy Blockade Limits HER2+ Breast Cancer Tumorigenesis by Perturbing HER2 Trafficking and Promoting Release Via Small Extracellular Vesicles. *Developmental cell*, 56(3), 341.

York SB, et al. (2021) Zika Virus Hijacks Extracellular Vesicle Tetraspanin Pathways for Cell-to-Cell Transmission. *mSphere*, 6(3), e0019221.

Hall ET, et al. (2021) Cytoneme delivery of Sonic Hedgehog from ligand-producing cells requires Myosin 10 and a Dispatched-BOC/CDON co-receptor complex. *eLife*, 10.

Vilcaes AA, et al. (2021) Interneuronal exchange and functional integration of synaptobrevin via extracellular vesicles. *Neuron*, 109(6), 971.

Castello-Serrano I, et al. (2020) Myelin-Associated MAL and PLP Are Unusual among Multipass Transmembrane Proteins in Preferring Ordered Membrane Domains. *The journal of physical chemistry. B*, 124(28), 5930.

McNamara RP, et al. (2018) Nef Secretion into Extracellular Vesicles or Exosomes Is Conserved across Human and Simian Immunodeficiency Viruses. *mBio*, 9(1).

Kim H, et al. (2018) Cardiac-specific delivery by cardiac tissue-targeting peptide-expressing exosomes. *Biochemical and biophysical research communications*, 499(4), 803.