

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

mEmerald-Claudin7-C-12

RRID:Addgene_54041

Type: Plasmid

Proper Citation

RRID:Addgene_54041

Plasmid Information

URL: <http://www.addgene.org/54041>

Proper Citation: RRID:Addgene_54041

Insert Name: Claudin7

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Excitation = 487; Emission = 509. Localization data: Tight Junctions

Plasmid Name: mEmerald-Claudin7-C-12

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260725T074835+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Claudin7-C-12.

No alerts have been found for mEmerald-Claudin7-C-12.

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 [NIF](#) .

Nguyen N, et al. (2018) TGF- β 1 alters esophageal epithelial barrier function by attenuation of claudin-7 in eosinophilic esophagitis. *Mucosal immunology*, 11(2), 415.

Choi EB, et al. (2016) PARP1 enhances lung adenocarcinoma metastasis by novel mechanisms independent of DNA repair. *Oncogene*, 35(35), 4569.