

Resource Summary Report

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

mEmerald-Keratin-17

RRID:Addgene_54134

Type: Plasmid

Proper Citation

RRID:Addgene_54134

Plasmid Information

URL: <http://www.addgene.org/54134>

Proper Citation: RRID:Addgene_54134

Insert Name: Keratin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18057027](#)

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

Comments: . Excitation = 487; Emission = 509. Localization data: Cytokeratin (18)

Plasmid Name: mEmerald-Keratin-17

Relevant Mutation: V282L

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260725T074837+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Keratin-17.

No alerts have been found for mEmerald-Keratin-17.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kim DS, et al. (2024) Tandem LIM domain-containing proteins, LIMK1 and LMO1, directly bind to force-bearing keratin intermediate filaments. Cell reports, 43(7), 114480.

Tamura R, et al. (2021) Multiplexed labeling of cellular proteins with split fluorescent protein tags. Communications biology, 4(1), 257.

Lee J, et al. (2020) Versatile phenotype-activated cell sorting. Science advances, 6(43).

Cheah JS, et al. (2019) Force-induced recruitment of cten along keratin network in epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 116(40), 19799.