

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

FU-tet-o-hKLF4

RRID:Addgene_19777

Type: Plasmid

Proper Citation

RRID:Addgene_19777

Plasmid Information

URL: <http://www.addgene.org/19777>

Proper Citation: RRID:Addgene_19777

Insert Name: Klf4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18786420](#)

Vector Backbone Description: Backbone Size:8400; Vector Backbone:FUdeltaGW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: From article, concerning viral infections: For a standard infection in a 35 mmdish (aprox 10^5 cells), 10 microL rtTA+5 microL factors (OCT4, SOX2, KLF4, and NANOG)+2 microL cMYC was used in an overnight infection supplemented with 6 microg/microL polybrene.

Plasmid Name: FU-tet-o-hKLF4

Record Creation Time: 20220422T222048+0000

Record Last Update: 20260912T092424+0000

Ratings and Alerts

No rating or validation information has been found for FU-tet-o-hKLF4.

No alerts have been found for FU-tet-o-hKLF4.

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](#) .

Osterburg C, et al. (2023) Disease-related p63 DBD mutations impair DNA binding by distinct mechanisms and varying degree. Cell death & disease, 14(4), 274.

Lin-Shiao E, et al. (2019) p63 establishes epithelial enhancers at critical craniofacial development genes. Science advances, 5(5), eaaw0946.

Kim SI, et al. (2015) KLF4 N-terminal variance modulates induced reprogramming to pluripotency. Stem cell reports, 4(4), 727.

Valadez JA, et al. (2015) PAX5 is the transcriptional activator of mucolipin-2 (MCOLN2) gene. Gene, 555(2), 194.