

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[Opto-mFGFR1_204](#)

RRID:Addgene_58745

Type: Plasmid

Proper Citation

RRID:Addgene_58745

Plasmid Information

URL: <http://www.addgene.org/58745>

Proper Citation: RRID:Addgene_58745

Insert Name: Opto-mFGFR1

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24986882](#)

Vector Backbone Description: Vector Backbone:pcDNA3.1-; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Opto-mFGFR1_204

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081718+0000

Ratings and Alerts

No rating or validation information has been found for Opto-mFGFR1_204.

No alerts have been found for Opto-mFGFR1_204.

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 [RRID](#) .

Preissing B, et al. (2026) Light-activated insulin receptor modulates neuronal plasticity and cerebellar-driven behavior. iScience, 29(7), 116615.

Humphreys PA, et al. (2020) Optogenetic Control of the BMP Signaling Pathway. ACS synthetic biology, 9(11), 3067.