

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Opto-GPR142

RRID:Addgene_106046

Type: Plasmid

Proper Citation

RRID:Addgene_106046

Plasmid Information

URL: <http://www.addgene.org/106046>

Proper Citation: RRID:Addgene_106046

Insert Name: Opto-GPR142

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29769519](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5427; Vector Backbone:pcDNA3.1-; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: two step cloning; 5' and 3' sites cannot be used for (sub)cloning

Plasmid Name: Opto-GPR142

Relevant Mutation: Chimeric receptor protein

Record Creation Time: 20220422T221514+0000

Record Last Update: 20260808T080347+0000

Ratings and Alerts

No rating or validation information has been found for Opto-GPR142.

No alerts have been found for Opto-GPR142.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.