

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

G protein alpha-o-R179C-EE

RRID:Addgene_55780

Type: Plasmid

Proper Citation

RRID:Addgene_55780

Plasmid Information

URL: <http://www.addgene.org/55780>

Proper Citation: RRID:Addgene_55780

Insert Name: G protein alpha-o with constitutively activating R179C mutation

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17596375](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4800; Vector Backbone:pcDNA1/Amp; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: G protein alpha-o-R179C-EE

Relevant Mutation: Arginine 179 was replaced with cysteine

Record Creation Time: 20220422T222326+0000

Record Last Update: 20260725T074852+0000

Ratings and Alerts

No rating or validation information has been found for G protein alpha-o-R179C-EE.

No alerts have been found for G protein alpha-o-R179C-EE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.