

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

CFP(159-238)-beta-5 in pcDNA1/Amp

RRID:Addgene_55763

Type: Plasmid

Proper Citation

RRID:Addgene_55763

Plasmid Information

URL: <http://www.addgene.org/55763>

Proper Citation: RRID:Addgene_55763

Insert Name: CFP(159-238)-beta-5

Organism: Homo sapiens

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 Resistance:Ampicillin

Plasmid Name: CFP(159-238)-beta-5 in pcDNA1/Amp

Relevant Mutation: CFP(159-238) includes a substitution of His for Asn-164. GBeta-5 was amplified via PCR, which added an N-terminal linker sequence (RSIAT), a 5' BamHI site, and a 3' BglII site. Cloning into the BglII site of CFP(1-158) destroyed the BamHI site.

Record Creation Time: 20220422T222326+0000

Record Last Update: 20260815T081652+0000

Ratings and Alerts

No rating or validation information has been found for CFP(159-238)-beta-5 in pcDNA1/Amp.

No alerts have been found for CFP(159-238)-beta-5 in pcDNA1/Amp.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Jeong E, et al. (2021) Structure of the class C orphan GPCR GPR158 in complex with RGS7-G??5. Nature communications, 12(1), 6805.