

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

Cer(1-158)-gamma-7 in pcDNA1/Amp

RRID:Addgene_55626

Type: Plasmid

Proper Citation

RRID:Addgene_55626

Plasmid Information

URL: <http://www.addgene.org/55626>

Proper Citation: RRID:Addgene_55626

Insert Name: Cer(1-158)-gamma-7

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16641313](#)

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

Comments: Reference for monomeric Cerulean: Rizzo MA, Springer GH, Granada B, Piston DW. An improved cyan fluorescent protein variant useful for FRET. Nat Biotechnol. 2004;22(4):445-9. PubMed PMID: 14990965.

Plasmid Name: Cer(1-158)-gamma-7 in pcDNA1/Amp

Relevant Mutation: Ggamma-7 was amplified by PCR, which added a BamHI site and a linker sequence (Arg-Ser) to the 5' end and a 3' BglII site. Cloning into the BglII site of Cer(1-158) destroyed the BamHI site.

Record Creation Time: 20220422T222325+0000

Record Last Update: 20260912T092901+0000

Ratings and Alerts

No rating or validation information has been found for Cer(1-158)-gamma-7 in pcDNA1/Amp.

No alerts have been found for Cer(1-158)-gamma-7 in pcDNA1/Amp.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.