

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

C5A

RRID:Addgene_27799

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/27799>

Proper Citation: RRID:Addgene_27799

Insert Name: Cerulean-5-Amber

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17040988](#)

Vector Backbone Description: Backbone Size:3984; Vector Backbone:pEGFP C1; Vector Types:Mammalian Expression, FRET donor control; Bacterial Resistance:Kanamycin

Comments: Control for fluorescence lifetime measurements (FLIM) This construct contains Cerulean attached via a 5 amino acid linker to Amber. Amber was generated by mutating Tyrosine 67 in Venus to Cysteine. See supplemental methods section in associated paper for more details on plasmid construction.

Plasmid Name: C5A

Record Creation Time: 20220422T222125+0000

Record Last Update: 20260815T081307+0000

Ratings and Alerts

No rating or validation information has been found for C5A.

No alerts have been found for C5A.

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](#) .

Nagwekar J, et al. (2022) Monitoring Transmembrane and Peripheral Membrane Protein Interactions by Förster Resonance Energy Transfer Using Fluorescence Lifetime Imaging Microscopy. Methods in molecular biology (Clifton, N.J.), 2440, 77.