

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

G protein alpha-s-mCerulean

RRID:Addgene_66084

Type: Plasmid

Proper Citation

RRID:Addgene_66084

Plasmid Information

URL: <http://www.addgene.org/66084>

Proper Citation: RRID:Addgene_66084

Insert Name: G-alpha-s-EE-mCerulean

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15297467](#)

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

Comments: Reference for alpha-s-EE: Wilson, P. T., and Bourne, H. R. (1995) Fatty acylation of α z. Effects of palmitoylation and myristoylation on α z signaling. J. Biol. Chem. 270, 9667-9675 Reference for mCerulean: 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: G protein alpha-s-mCerulean

Relevant Mutation: BamHI sites in the alpha-s cDNA were removed and alpha-s residues 73-84 were replaced with Gly-Ser adding a unique BamHI site into which mCerulean was subcloned.

Record Creation Time: 20220422T222416+0000

Record Last Update: 20260815T081825+0000

Ratings and Alerts

No rating or validation information has been found for G protein alpha-s-mCerulean.

No alerts have been found for G protein alpha-s-mCerulean.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.