

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

G protein alpha-s-mCherry

RRID:Addgene_66968

Type: Plasmid

Proper Citation

RRID:Addgene_66968

Plasmid Information

URL: <http://www.addgene.org/66968>

Proper Citation: RRID:Addgene_66968

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

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 PT, Bourne HR. Fatty acylation of ?z. Effects of palmitoylation and myristoylation on ?z signaling. J Biol Chem. 1995;270:9667-75. Reference for mCherry: Shaner NC, Campbell RE, Steinbach PA, Giepmans BN, Palmer AE, Tsien RY. Improved monomeric red, orange and yellow fluorescent proteins derived from Discosoma sp. red fluorescent protein. Nat Biotechnol. 2004;22(12):1567-72. PubMed PMID: 15558047.

Plasmid Name: G protein alpha-s-mCherry

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 mCherry was subcloned.

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260815T081833+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.