

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

G protein alpha-q-GFP

RRID:Addgene_66080

Type: Plasmid

Proper Citation

RRID:Addgene_66080

Plasmid Information

URL: <http://www.addgene.org/66080>

Proper Citation: RRID:Addgene_66080

Insert Name: G protein alpha-q-EE-YFP

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11076942](#)

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

Plasmid Name: G protein alpha-q-GFP

Relevant Mutation: BamHI and SacI sites in alpha-q were removed with silent mutations.

Record Creation Time: 20220422T222416+0000

Record Last Update: 20260808T082010+0000

Ratings and Alerts

No rating or validation information has been found for G protein alpha-q-GFP.

No alerts have been found for G protein alpha-q-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Jayaraman S, et al. (2025) Engineered depalmitoylases enable selective manipulation of protein localization and function. Nature communications, 16(1), 3514.

Solis GP, et al. (2024) Neomorphic G??o mutations gain interaction with Ric8 proteins in GNAO1 encephalopathies. The Journal of clinical investigation, 134(15).

Zaccor NW, et al. (2020) The nonselective cation channel TRPV4 inhibits angiotensin II receptors. The Journal of biological chemistry, 295(29), 9986.