

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

G protein alpha-q-YFP

RRID:Addgene_55782

Type: Plasmid

Proper Citation

RRID:Addgene_55782

Plasmid Information

URL: <http://www.addgene.org/55782>

Proper Citation: RRID:Addgene_55782

Insert Name: alpha-q EE YFP

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17596375](#)

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-YFP

Relevant Mutation: BamHI and SacI sites in alpha-q were removed with silent mutations. EYFP contains substitution of Met for Gln69.

Record Creation Time: 20220422T222326+0000

Record Last Update: 20260829T080723+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

White AD, et al. (2020) Gq/11-dependent regulation of endosomal cAMP generation by parathyroid hormone class B GPCR. Proceedings of the National Academy of Sciences of the United States of America, 117(13), 7455.

Civciristov S, et al. (2018) Preassembled GPCR signaling complexes mediate distinct cellular responses to ultralow ligand concentrations. Science signaling, 11(551).