Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

pcDNA3 Flag beta-1-adrenergic-receptor

RRID:Addgene_14698
Type: Plasmid

Proper Citation

RRID:Addgene_14698

Plasmid Information

URL: http://www.addgene.org/14698

Proper Citation: RRID:Addgene_14698

Insert Name: B1AR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:10535961

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Addgene Sanger sequencing found G389R in the B1AR translation

Plasmid Name: pcDNA3 Flag beta-1-adrenergic-receptor

Record Creation Time: 20220422T221824+0000

Record Last Update: 20220422T222742+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 Flag beta-1-adrenergic-receptor.

No alerts have been found for pcDNA3 Flag beta-1-adrenergic-receptor.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Janicot R, et al. (2024) Direct interrogation of context-dependent GPCR activity with a universal biosensor platform. bioRxiv : the preprint server for biology.

Tutzauer J, et al. (2024) G protein-coupled estrogen receptor (GPER)/GPR30 forms a complex with the ?1-adrenergic receptor, a membrane-associated guanylate kinase (MAGUK) scaffold protein, and protein kinase A anchoring protein (AKAP) 5 in MCF7 breast cancer cells. Archives of biochemistry and biophysics, 752, 109882.

Benton KC, et al. (2022) Norepinephrine activates ?1 -adrenergic receptors at the inner nuclear membrane in astrocytes. Glia, 70(9), 1777.

Nash CA, et al. (2019) Golgi localized ?1-adrenergic receptors stimulate Golgi PI4P hydrolysis by PLC? to regulate cardiac hypertrophy. eLife, 8.

Ngo AM, et al. (2019) The ER membrane protein complex is required to ensure correct topology and stable expression of flavivirus polyproteins. eLife, 8.