Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

EGFPC1-hMyoX

RRID:Addgene_47608
Type: Plasmid

Proper Citation

RRID:Addgene_47608

Plasmid Information

URL: http://www.addgene.org/47608

Proper Citation: RRID:Addgene_47608

Insert Name: MyoX

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:17130134

Vector Backbone Description: Backbone Marker:Clontech; modified as described in Rogers et al JBC 2001; Backbone Size:4700; Vector Backbone:EGFPC1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: hMyoX contains a Q680R variant compared to the NCBI reference [AAF37875.1]. The plasmid should function as described in the associated publication.

Plasmid Name: EGFPC1-hMyoX

Relevant Mutation: See depositor comments below.

Record Creation Time: 20220422T222245+0000

Record Last Update: 20230915T081123+0000

Ratings and Alerts

No rating or validation information has been found for EGFPC1-hMyoX.

No alerts have been found for EGFPC1-hMyoX.

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 FDI Lab - SciCrunch.org.

Tu Y, et al. (2022) Filopodial adhesive force in discrete nodes revealed by integrin molecular tension imaging. Current biology : CB, 32(20), 4386.

Hall ET, et al. (2021) Cytoneme delivery of Sonic Hedgehog from ligand-producing cells requires Myosin 10 and a Dispatched-BOC/CDON co-receptor complex. eLife, 10.

Miihkinen M, et al. (2021) Myosin-X and talin modulate integrin activity at filopodia tips. Cell reports, 36(11), 109716.