

Resource Summary Report

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

Tac-GFP

RRID:Addgene_162494

Type: Plasmid

Proper Citation

RRID:Addgene_162494

Plasmid Information

URL: <http://www.addgene.org/162494>

Proper Citation: RRID:Addgene_162494

Insert Name: Tac

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32826314](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4701; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Tac-GFP

Record Creation Time: 20220422T221918+0000

Record Last Update: 20260829T075854+0000

Ratings and Alerts

No rating or validation information has been found for Tac-GFP.

No alerts have been found for Tac-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 [RRID](#) .

Miyoshi T, et al. (2025) Single-molecule fluorescence microscopy reveals regulatory mechanisms of MYO7A-driven cargo transport in stereocilia of live inner ear hair cells. Nature communications, 16(1), 8149.

Miyoshi T, et al. (2024) Live-cell single-molecule fluorescence microscopy for protruding organelles reveals regulatory mechanisms of MYO7A-driven cargo transport in stereocilia of inner ear hair cells. bioRxiv : the preprint server for biology.

Miyoshi T, et al. (2024) Live-cell single-molecule fluorescence microscopy for protruding organelles reveals regulatory mechanisms of MYO7A-driven cargo transport in stereocilia of inner ear hair cells. Research square.