

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pKIF1C-GFP

RRID:Addgene_130977

Type: Plasmid

Proper Citation

RRID:Addgene_130977

Plasmid Information

URL: <http://www.addgene.org/130977>

Proper Citation: RRID:Addgene_130977

Insert Name: KIF1C-GFP

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25344256](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pKIF1C-GFP

Relevant Mutation: 5 silent mutations that make this construct RNAi resistant to siKIF1C-2 also in this paper. Nucleotides 433-444 are changed from AGCTATATGGAG to TCTTAGATGGAA.

Record Creation Time: 20220422T221727+0000

Record Last Update: 20260815T080513+0000

Ratings and Alerts

No rating or validation information has been found for pKIF1C-GFP.

No alerts have been found for pKIF1C-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](#) .

Geng Q, et al. (2024) The kinesin-3 KIF1C undergoes liquid-liquid phase separation for accumulation of specific transcripts at the cell periphery. The EMBO journal, 43(15), 3192.

Geng Q, et al. (2023) KIF1C, an RNA transporting kinesin-3, undergoes liquid-liquid phase separation through its C-terminal disordered domain. bioRxiv : the preprint server for biology.

Siddiqui N, et al. (2022) Force generation of KIF1C is impaired by pathogenic mutations. Current biology : CB, 32(17), 3862.