

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

FLHKI-pGFPN3

RRID:Addgene_21917

Type: Plasmid

Proper Citation

RRID:Addgene_21917

Plasmid Information

URL: <http://www.addgene.org/21917>

Proper Citation: RRID:Addgene_21917

Insert Name: Full length human HKI in pGFP-N3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18039843](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pGFP-N3; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: FLHKI-pGFPN3

Relevant Mutation: This is full length human HKI in pGFP-N3

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260815T081206+0000

Ratings and Alerts

No rating or validation information has been found for FLHKI-pGFPN3.

No alerts have been found for FLHKI-pGFPN3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Pilic J, et al. (2024) Hexokinase 1 forms rings that regulate mitochondrial fission during energy stress. *Molecular cell*, 84(14), 2732.

Deneka AY, et al. (2022) NEDD9 sustains hexokinase expression to promote glycolysis. *Oncogenesis*, 11(1), 15.

Zhang X, et al. (2020) Oligodendroglial glycolytic stress triggers inflammasome activation and neuropathology in Alzheimer's disease. *Science advances*, 6(49).

Depaoli MR, et al. (2018) Real-Time Imaging of Mitochondrial ATP Dynamics Reveals the Metabolic Setting of Single Cells. *Cell reports*, 25(2), 501.