

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 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: 20260725T074428+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.