

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

pcDNA3.1-hNox5

RRID:Addgene_69354

Type: Plasmid

Proper Citation

RRID:Addgene_69354

Plasmid Information

URL: <http://www.addgene.org/69354>

Proper Citation: RRID:Addgene_69354

Insert Name: hNox5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11483596](#)

Vector Backbone Description: Backbone Size:5380; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-hNox5

Record Creation Time: 20220422T222430+0000

Record Last Update: 20260902T050020+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-hNox5.

No alerts have been found for pcDNA3.1-hNox5.

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 [dkNET](#) .

Sweeny EA, et al. (2021) Nitric oxide and heme-NO stimulate superoxide production by NADPH oxidase 5. Free radical biology & medicine, 172, 252.

Sweeny EA, et al. (2020) Dynamic regulation of NADPH oxidase 5 by intracellular heme levels and cellular chaperones. Redox biology, 36, 101656.

Miyano K, et al. (2020) The NADPH oxidase NOX4 promotes the directed migration of endothelial cells by stabilizing vascular endothelial growth factor receptor 2 protein. The Journal of biological chemistry, 295(33), 11877.