

Resource Summary Report

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

pDONR221-NPC1_STOP

RRID:Addgene_161461

Type: Plasmid

Proper Citation

RRID:Addgene_161461

Plasmid Information

URL: <http://www.addgene.org/161461>

Proper Citation: RRID:Addgene_161461

Insert Name: NPC1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32265506](#)

Vector Backbone Description: Backbone Marker:ThermoFisher Scientific; Backbone Size:2550; Vector Backbone:pDONR221; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid contains a STOP codon at the end of the codon-optimized ORF. For the version of this plasmid that does not contain a STOP codon, please see Addgene plasmid 132295 For more information on the full Resolute plasmid collection, please see www.addgene.org/depositor-collections/re-solute/. Please provide your feedback on this plasmid to the RESOLUTE consortium by filling out their RESOLUTE repository feedback form:

<https://forms.office.com/Pages/ResponsePage.aspx?id=0e05yklzmkS7rjFGQL4N7z4feCLQvEJAmV>

Plasmid Name: pDONR221-NPC1_STOP

Record Creation Time: 20220422T221913+0000

Record Last Update: 20260815T080854+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221-NPC1_STOP.

No alerts have been found for pDONR221-NPC1_STOP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Digles D, et al. (2024) Advancing drug discovery through assay development: a survey of tool compounds within the human solute carrier superfamily. *Frontiers in pharmacology*, 15, 1401599.

Tuck BJ, et al. (2022) Cholesterol determines the cytosolic entry and seeded aggregation of tau. *Cell reports*, 39(5), 110776.