

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pDONR221-SLC24A1_STOP

RRID:Addgene_161215

Type: Plasmid

Proper Citation

RRID:Addgene_161215

Plasmid Information

URL: <http://www.addgene.org/161215>

Proper Citation: RRID:Addgene_161215

Insert Name: SLC24A1

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 132049 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-SLC24A1_STOP

Record Creation Time: 20220422T221912+0000

Record Last Update: 20260725T074124+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221-SLC24A1_STOP.

No alerts have been found for pDONR221-SLC24A1_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 [NIF](#) .

Tao R, et al. (2025) Palmitoylation and regulation of potassium-dependent sodium/calcium exchangers (NCKX). Bioscience reports, 45(1), 1.

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.