

Resource Summary Report

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

pDONR221_SLC1A5

RRID:Addgene_131974

Type: Plasmid

Proper Citation

RRID:Addgene_131974

Plasmid Information

URL: <http://www.addgene.org/131974>

Proper Citation: RRID:Addgene_131974

Insert Name: SLC1A5

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32265506](#)

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

Comments: 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_SLC1A5

Record Creation Time: 20220422T221731+0000

Record Last Update: 20260725T073822+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221_SLC1A5.

No alerts have been found for pDONR221_SLC1A5.

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 [NIF](#) .

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.

Papalazarou V, et al. (2023) Phenotypic profiling of solute carriers characterizes serine transport in cancer. *Nature metabolism*, 5(12), 2148.

Aguillard AM, et al. (2023) A cell-autonomous mechanism regulates BCAA catabolism in white adipocytes and systemic metabolic balance. *bioRxiv : the preprint server for biology*.