

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pDONR221_SLC45A1

RRID:Addgene_132289

Type: Plasmid

Proper Citation

RRID:Addgene_132289

Plasmid Information

URL: <http://www.addgene.org/132289>

Proper Citation: RRID:Addgene_132289

Insert Name: SLC45A1

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_SLC45A1

Record Creation Time: 20220422T221734+0000

Record Last Update: 20260815T080526+0000

Ratings and Alerts

No rating or validation information has been found for pDONR221_SLC45A1.

No alerts have been found for pDONR221_SLC45A1.

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](#) .

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

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.