

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

## pcDNA3.1 Flag YFP hNKCC1 intracellular-cysteineless (NT855)

RRID:Addgene\_49080

Type: Plasmid

### Proper Citation

RRID:Addgene\_49080

### Plasmid Information

**URL:** <http://www.addgene.org/49080>

**Proper Citation:** RRID:Addgene\_49080

**Insert Name:** human NKCC1 (synthetic)

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24339991](https://pubmed.ncbi.nlm.nih.gov/24339991/)

**Vector Backbone Description:** Backbone Marker:Life Technologies; Backbone Size:5316; Vector Backbone:pcDNA3.1 neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Plasmid constructed from pcDNA3.1 Flag YFP hNKCC1 WT (NT17). See Addgene plasmid# 49085 (<http://www.addgene.org/49085/>) for plasmid map of wild-type construct.

**Plasmid Name:** pcDNA3.1 Flag YFP hNKCC1 intracellular-cysteineless (NT855)

**Relevant Mutation:** C791S, C820S, C1052S in hNKCC1 in NT17

**Record Creation Time:** 20220422T222253+0000

**Record Last Update:** 20260815T081557+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 Flag YFP hNKCC1 intracellular-cysteineless (NT855).

No alerts have been found for pcDNA3.1 Flag YFP hNKCC1 intracellular-cysteineless (NT855).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.