

Resource Summary Report

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

pcDNA3.1 Flag YFP hNKCC1 cysteineless (NT868)

RRID:Addgene_49079

Type: Plasmid

Proper Citation

RRID:Addgene_49079

Plasmid Information

URL: <http://www.addgene.org/49079>

Proper Citation: RRID:Addgene_49079

Insert Name: human NKCC1 (synthetic)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID: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 cysteineless (NT868)

Relevant Mutation: C295A, C543M, C563S,C568S,C577S,C582S, C630S, C723S, C724V, C791S, C820S, C1052S in hNKCC1 in NT17

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260725T074755+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 Flag YFP hNKCC1 cysteineless (NT868).

No alerts have been found for pcDNA3.1 Flag YFP hNKCC1 cysteineless (NT868).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.