

Resource Summary Report

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

pcDNA3.1 Flag YFP hNKCC1 TM-cysteineless (NT859)

RRID:Addgene_49078

Type: Plasmid

Proper Citation

RRID:Addgene_49078

Plasmid Information

URL: <http://www.addgene.org/49078>

Proper Citation: RRID:Addgene_49078

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 TM-cysteineless (NT859)

Relevant Mutation: C295A, C543M, C630S, C723S, C724V 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 TM-cysteineless (NT859).

No alerts have been found for pcDNA3.1 Flag YFP hNKCC1 TM-cysteineless (NT859).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.