

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

RNT1-GFP

RRID:Addgene_17708

Type: Plasmid

Proper Citation

RRID:Addgene_17708

Plasmid Information

URL: <http://www.addgene.org/17708>

Proper Citation: RRID:Addgene_17708

Insert Name: rent1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12228722](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: RNT1-GFP

Record Creation Time: 20220422T222022+0000

Record Last Update: 20260815T081105+0000

Ratings and Alerts

No rating or validation information has been found for RNT1-GFP.

No alerts have been found for RNT1-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Theotoki EI, et al. (2025) Centrosome?, mitotic spindle? and cytokinetic bridge?specific compartmentalization of AGO2 protein in human liver cells undergoing mitosis: Non? canonical, RNAi?dependent, control of local homeostasis. Molecular medicine reports, 32(3).

Sarkar R, et al. (2022) Rotaviral nonstructural protein 5 (NSP5) promotes proteasomal degradation of up-frameshift protein 1 (UPF1), a principal mediator of nonsense-mediated mRNA decay (NMD) pathway, to facilitate infection. Cellular signalling, 89, 110180.

Mesa-Perez M, et al. (2022) Cytoplasmic switch of ARS2 isoforms promotes nonsense-mediated mRNA decay and arsenic sensitivity. Nucleic acids research, 50(3), 1620.

Baron DM, et al. (2022) ALS-associated KIF5A mutations abolish autoinhibition resulting in a toxic gain of function. Cell reports, 39(1), 110598.

Ngo GHP, et al. (2021) UPF1 promotes the formation of R loops to stimulate DNA double-strand break repair. Nature communications, 12(1), 3849.