

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pET28b_RanT24N

RRID:Addgene_186271

Type: Plasmid

Proper Citation

RRID:Addgene_186271

Plasmid Information

URL: <http://www.addgene.org/186271>

Proper Citation: RRID:Addgene_186271

Insert Name: GTP-binding nuclear protein Ran

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34424312](#)

Vector Backbone Description: Backbone Size:5368; Vector Backbone:pET28b; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: For protein expression, transform into BL21(DE3) E. coli because the pET vector system requires T7 RNA polymerase for expression. Induce with 1 mM IPTG for 2h at 28 °C.

Plasmid Name: pET28b_RanT24N

Relevant Mutation: Changed T24 into N

Record Creation Time: 20220715T080232+0000

Record Last Update: 20260815T082320+0000

Ratings and Alerts

No rating or validation information has been found for pET28b_RanT24N.

No alerts have been found for pET28b_RanT24N.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.