

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

pET 15b+His SUMO Rab12 (Q101L)

RRID:Addgene_208371

Type: Plasmid

Proper Citation

RRID:Addgene_208371

Plasmid Information

URL: <http://www.addgene.org/208371>

Proper Citation: RRID:Addgene_208371

Insert Name: His SUMO Rab12 (Q101L)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37874635](#)

Vector Backbone Description: Vector Backbone:pET 15b+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pET 15b+His SUMO Rab12 (Q101L)

Relevant Mutation: Q101L

Record Creation Time: 20231209T080509+0000

Record Last Update: 20260912T093940+0000

Ratings and Alerts

No rating or validation information has been found for pET 15b+His SUMO Rab12 (Q101L).

No alerts have been found for pET 15b+His SUMO Rab12 (Q101L).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Adhikari A, et al. (2025) End-product inhibition of the LRRK2-counteracting PPM1H phosphatase. bioRxiv : the preprint server for biology.

Chiang CY, et al. (2025) PPM1M, an LRRK2-counteracting, phosphoRab12-preferring phosphatase with a potential link to Parkinson's disease. Cell reports, 44(8), 116031.

Adhikari A, et al. (2025) Allosteric regulation of the Golgi-localized PPM1H phosphatase by Rab GTPases modulates LRRK2 substrate dephosphorylation in Parkinson's disease. The Journal of biological chemistry, 110679.