

Resource Summary Report

Generated by dkNET on Aug 22, 2026

PCMV-intron myc Rab1a S25N

RRID:Addgene_46777

Type: Plasmid

Proper Citation

RRID:Addgene_46777

Plasmid Information

URL: <http://www.addgene.org/46777>

Proper Citation: RRID:Addgene 46777

Insert Name: Rab1a S25N mutant

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16959776](#)

Vector Backbone Description: Vector Backbone:pCMV-intron myc; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: cDNA was obtained from UMR cDNA Resource Center, www.cdna.org To make mutation, the following primers were used for PCR amplification: Rab1 S25N FWD (5'-AGCTCGGATCCACCATGTCCAGCATGAATCCCGAATATGATTATTTATTCAAGTTACTTCTGATT-3') BGH RVS primer (5'-TAGAAGGCACAGTCGAGG-3')

Plasmid Name: PCMV-intron myc Rab1a S25N

Relevant Mutation: S25N (dominant negative)

Record Creation Time: 20220422T222241+0000

Record Last Update: 20260815T081535+0000

Ratings and Alerts

No rating or validation information has been found for PCMV-intron myc Rab1a S25N.

No alerts have been found for PCMV-intron myc Rab1a S25N.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Webster CP, et al. (2016) The C9orf72 protein interacts with Rab1a and the ULK1 complex to regulate initiation of autophagy. The EMBO journal, 35(15), 1656.

Hikiji T, et al. (2015) A highly sensitive assay of IRE1 activity using the small luciferase NanoLuc: Evaluation of ALS-related genetic and pathological factors. Biochemical and biophysical research communications, 463(4), 881.