

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pSAB35

RRID:Addgene_175787

Type: Plasmid

Proper Citation

RRID:Addgene_175787

Plasmid Information

URL: <http://www.addgene.org/175787>

Proper Citation: RRID:Addgene_175787

Insert Name: SidK (1-278)

Organism: L. pneumophila

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32165585](#)

Vector Backbone Description: Backbone Size:5369; Vector Backbone:pET28a(+); Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: pSAB35 was generated by inserting a 3xFLAG tag and a stop codon after residue 278 of full length SidK(1-573) in pET28a(+). There remains a second insert encoding SidK(279 - 573), without any tags, in pSAB35.

Plasmid Name: pSAB35

Record Creation Time: 20220422T222015+0000

Record Last Update: 20260815T081052+0000

Ratings and Alerts

No rating or validation information has been found for pSAB35.

No alerts have been found for pSAB35.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Nardone C, et al. (2025) A heterotrimeric protein complex assembles the metazoan V-ATPase upon dissipation of proton gradients. Nature structural & molecular biology.

Lee C, et al. (2025) DMXL1 promotes recruitment of V1-ATPase to lysosomes upon TRPML1 activation. Nature structural & molecular biology.

Maxson ME, et al. (2022) Detection and quantification of the vacuolar H⁺ATPase using the Legionella effector protein SidK. The Journal of cell biology, 221(3).

Tan YZ, et al. (2022) Structure of V-ATPase from citrus fruit. Structure (London, England : 1993), 30(10), 1403.