

Resource Summary Report

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

pRSET-mSA

RRID:Addgene_39860

Type: Plasmid

Proper Citation

RRID:Addgene_39860

Plasmid Information

URL: <http://www.addgene.org/39860>

Proper Citation: RRID:Addgene_39860

Insert Name: monomeric streptavidin

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22806584](#)

Vector Backbone Description: Vector Backbone:pRSET-A; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please note the YPet fluorescent protein present in the vector backbone is not expressed with the streptavidin insert.

Plasmid Name: pRSET-mSA

Record Creation Time: 20220422T222208+0000

Record Last Update: 20260815T081432+0000

Ratings and Alerts

No rating or validation information has been found for pRSET-mSA.

No alerts have been found for pRSET-mSA.

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](#) .

Anderson RK, et al. (2025) Genetic engineering of bacteriophage S16 for Salmonella separation, concentration, and detection. Analytical and bioanalytical chemistry, 417(18), 4069.

Sakamoto Y, et al. (2024) The Nedd4L ubiquitin ligase is activated by FCHO2-generated membrane curvature. The EMBO journal, 43(23), 5883.

Carmody CM, et al. (2023) Monomeric streptavidin phage display allows efficient immobilization of bacteriophages on magnetic particles for the capture, separation, and detection of bacteria. Scientific reports, 13(1), 16207.

Sakamoto Y, et al. (2017) Effects of various spacers between biotin and the phospholipid headgroup on immobilization and sedimentation of biotinylated phospholipid-containing liposomes facilitated by avidin-biotin interactions. Journal of biochemistry, 162(3), 221.