

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.