

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pET-MBP-mSA2

RRID:Addgene_52319

Type: Plasmid

Proper Citation

RRID:Addgene_52319

Plasmid Information

URL: <http://www.addgene.org/52319>

Proper Citation: RRID:Addgene_52319

Insert Name: monomeric streptavidin 2

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24691867](#)

Vector Backbone Description: Vector Backbone:pET-MBP; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pET-MBP-mSA2

Relevant Mutation: S25H mutation compared to streptavidin

Record Creation Time: 20220422T222307+0000

Record Last Update: 20260725T074820+0000

Ratings and Alerts

No rating or validation information has been found for pET-MBP-mSA2.

No alerts have been found for pET-MBP-mSA2.

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](#) .

Völzke JL, et al. (2023) Efficient Purification of Polyhistidine-Tagged Recombinant Proteins Using Functionalized Corundum Particles. Biotech (Basel (Switzerland)), 12(2).

Park J, et al. (2023) Development of recombinant secondary antibody mimics (rSAMs) for immunoassays through genetic fusion of monomeric alkaline phosphatase with antibody binders. International journal of biological macromolecules, 251, 126299.

Granhøj J, et al. (2019) A bacterial display system for effective selection of protein-biotin ligase BirA variants with novel peptide specificity. Scientific reports, 9(1), 4118.