

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

MSP3-bio

RRID:Addgene_47731

Type: Plasmid

Proper Citation

RRID:Addgene_47731

Plasmid Information

URL: <http://www.addgene.org/47731>

Proper Citation: RRID:Addgene_47731

Insert Name: Codon-optimised MSP3

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24043421](#)

Vector Backbone Description: Backbone Marker:Yves Durocher, NRC; Backbone Size:6633; Vector Backbone:pTT3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: MSP3-bio

Relevant Mutation: Exogenous signal peptide of mouse origin, changed Serine45, Threonine56, Serine96, Serine226 to Alanine residues

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260815T081543+0000

Ratings and Alerts

No rating or validation information has been found for MSP3-bio.

No alerts have been found for MSP3-bio.

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 [RRID](#) .

Bassi MR, et al. (2025) Deposition of complement regulators on the surface of *Plasmodium falciparum* merozoites depends on the immune status of the host. *PLoS pathogens*, 21(4), e1013107.

Gonzales SJ, et al. (2022) A Molecular Analysis of Memory B Cell and Antibody Responses Against *Plasmodium falciparum* Merozoite Surface Protein 1 in Children and Adults From Uganda. *Frontiers in immunology*, 13, 809264.