

Resource Summary Report

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

[pMBP-MS2](#)

RRID:Addgene_65104

Type: Plasmid

Proper Citation

RRID:Addgene_65104

Plasmid Information

URL: <http://www.addgene.org/65104>

Proper Citation: RRID:Addgene_65104

Insert Name: MS2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18570876](#)

Vector Backbone Description: Backbone Marker:NEB; Vector Backbone:pMal-c; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The following reference describes how to isolate RNA binding complexes using this construct: Jurica and Moore, Methods. 2002 Nov;28(3):336-45.
<https://www.ncbi.nlm.nih.gov/pubmed/12431437>

Plasmid Name: pMBP-MS2

Relevant Mutation: double mutation (V75Q and A81G) that prevents oligomerization

Record Creation Time: 20220422T222411+0000

Record Last Update: 20260815T081816+0000

Ratings and Alerts

No rating or validation information has been found for pMBP-MS2.

No alerts have been found for pMBP-MS2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Erausquin E, et al. (2022) Identification of a broad lipid repertoire associated to the endothelial cell protein C receptor (EPCR). Scientific reports, 12(1), 15127.

Mercier N, et al. (2021) MS2-Affinity Purification Coupled with RNA Sequencing in Gram-Positive Bacteria. Journal of visualized experiments : JoVE(168).

Imai-Sumida M, et al. (2020) Genistein Represses HOTAIR/Chromatin Remodeling Pathways to Suppress Kidney Cancer. Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology, 54(1), 53.

Bertram K, et al. (2020) Structural Insights into the Roles of Metazoan-Specific Splicing Factors in the Human Step 1 Spliceosome. Molecular cell, 80(1), 127.

Cretu C, et al. (2018) Structural Basis of Splicing Modulation by Antitumor Macrolide Compounds. Molecular cell, 70(2), 265.

Haselbach D, et al. (2018) Structure and Conformational Dynamics of the Human Spliceosomal Bact Complex. Cell, 172(3), 454.

Lalaouna D, et al. (2018) MS2-Affinity Purification Coupled With RNA Sequencing Approach in the Human Pathogen Staphylococcus aureus. Methods in enzymology, 612, 393.

Wang X, et al. (2017) Purification of mRNA Processing Complexes Using an RNA Affinity Approach. Methods in molecular biology (Clifton, N.J.), 1648, 53.