

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pET28a-SpyTagMBP

RRID:Addgene_35050

Type: Plasmid

Proper Citation

RRID:Addgene_35050

Plasmid Information

URL: <http://www.addgene.org/35050>

Proper Citation: RRID:Addgene_35050

Insert Name: SpyTagMBP

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22366317](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5369; Vector Backbone:pET28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pET28a-SpyTagMBP

Relevant Mutation: Simple peptide tag added to the N-terminus of MBP via a GSGESG linker

Record Creation Time: 20220422T222149+0000

Record Last Update: 20260815T081404+0000

Ratings and Alerts

No rating or validation information has been found for pET28a-SpyTagMBP.

No alerts have been found for pET28a-SpyTagMBP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Hills RA, et al. (2024) Proactive vaccination using multiviral Quartet Nanocages to elicit broad anti-coronavirus responses. *Nature nanotechnology*, 19(8), 1216.

Malebo K, et al. (2024) Development of a Two-Component Nanoparticle Vaccine Displaying an HIV-1 Envelope Glycoprotein that Elicits Tier 2 Neutralising Antibodies. *Vaccines*, 12(9).

Izor?? T, et al. (2021) Structures of a non-ribosomal peptide synthetase condensation domain suggest the basis of substrate selectivity. *Nature communications*, 12(1), 2511.

Brune KD, et al. (2021) N-Terminal Modification of Gly-His-Tagged Proteins with Azidogluconolactone. *Chembiochem : a European journal of chemical biology*, 22(22), 3199.

Keeble AH, et al. (2019) Insider information on successful covalent protein coupling with help from SpyBank. *Methods in enzymology*, 617, 443.

Bruun TUJ, et al. (2018) Engineering a Rugged Nanoscaffold To Enhance Plug-and-Display Vaccination. *ACS nano*, 12(9), 8855.

Veggiani G, et al. (2016) Programmable polyproteins built using twin peptide superglues. *Proceedings of the National Academy of Sciences of the United States of America*, 113(5), 1202.