

Resource Summary Report

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

pET28a(+):MBP-NL3F10H

RRID:Addgene_141291

Type: Plasmid

Proper Citation

RRID:Addgene_141291

Plasmid Information

URL: <http://www.addgene.org/141291>

Proper Citation: RRID:Addgene_141291

Insert Name: MBP-NLUC3F10H

Organism: Synthetic

Bacterial Resistance: Chloramphenicol and Kanamycin

Defining Citation: [PMID:31316580](#)

Vector Backbone Description: Backbone Marker:EMD Biosciences; Backbone Size:5369; Vector Backbone:pET-28 a (+); Vector Types:Bacterial Expression, Luciferase; Bacterial Resistance:Chloramphenicol and Kanamycin

Plasmid Name: pET28a(+):MBP-NL3F10H

Relevant Mutation: Engineered for high stability (t1/2 = 11.5 days at 37 °C) and codon optimised for expression in mammalian cells.

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260725T073940+0000

Ratings and Alerts

No rating or validation information has been found for pET28a(+):MBP-NL3F10H.

No alerts have been found for pET28a(+):MBP-NL3F10H.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Urquiza-García U, et al. (2025) Abundant clock proteins point to missing molecular regulation in the plant circadian clock. Molecular systems biology, 21(4), 361.