

Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

pLPC-Flag-PML-IV

RRID:Addgene_62804

Type: Plasmid

Proper Citation

RRID:Addgene_62804

Plasmid Information

URL: <http://www.addgene.org/62804>

Proper Citation: RRID:Addgene_62804

Insert Name: PML-IV

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21205865](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pLPC; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The PML isoform in this plasmid is referred to as PML-IV according to the nomenclature established by Jensen, Shiels and Freemont Oncogene. 2001 Oct 29;20(49):7223-33. The GenBank nomenclature for PML-IV is PML isoform 6 (GenBank ID NM_002675.3).

Plasmid Name: pLPC-Flag-PML-IV

Record Creation Time: 20220422T222359+0000

Record Last Update: 20260815T081756+0000

Ratings and Alerts

No rating or validation information has been found for pLPC-Flag-PML-IV.

No alerts have been found for pLPC-Flag-PML-IV.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Taylor ER, et al. (2026) Local heterochromatin enrichment promotes telomere clustering and PML nuclear body assembly at telomeres. *Cell reports*, 45(3), 117004.

Sánchez-Alba L, et al. (2025) Structural basis for the human SENP5's SUMO isoform discrimination. *Nature communications*, 16(1), 4764.

Li Y, et al. (2022) Forkhead O Transcription Factor 4 Restricts HBV Covalently Closed Circular DNA Transcription and HBV Replication through Genetic Downregulation of Hepatocyte Nuclear Factor 4 Alpha and Epigenetic Suppression of Covalently Closed Circular DNA via Interacting with Promyelocytic Leukemia Protein. *Journal of virology*, 96(13), e0054622.

Loe TK, et al. (2020) Telomere length heterogeneity in ALT cells is maintained by PML-dependent localization of the BTR complex to telomeres. *Genes & development*, 34(9-10), 650.

Wang H, et al. (2018) CRISPR-Mediated Programmable 3D Genome Positioning and Nuclear Organization. *Cell*, 175(5), 1405.