Resource Summary Report

Generated by dkNET on Aug 29, 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: 20260829T080827+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.

S??nchez-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.