

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

pWZL Neo Myr Flag PIM1

RRID:Addgene_20579

Type: Plasmid

Proper Citation

RRID:Addgene_20579

Plasmid Information

URL: <http://www.addgene.org/20579>

Proper Citation: RRID:Addgene_20579

Insert Name: PIM1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17574021](#)

Vector Backbone Description: Backbone Marker:William Hahn Lab (available at Addgene, #15300); Backbone Size:0; Vector Backbone:pWZL-Neo-Myr-Flag-DEST; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: ORFs were cloned into Gateway compatible pEntry vectors. An LR recombination reaction was performed to move the ORF to pWZL-Neo-Myr-Flag DEST such that the ORF would have 5' myristoylation and flag tags. This plasmid is part of a kinase library, and the gene has been verified, but has not been fully sequenced for minor mutations. Please see the following link for plasmids from this article that are not part of the kinase library <http://www.addgene.org/pubmed/17574021>

Plasmid Name: pWZL Neo Myr Flag PIM1

Relevant Mutation: PIM1 amino acids 312 & 313 are changed from Ser-Lys to Ala-Asn. There is no stop codon at the end of the insert.

Record Creation Time: 20220422T222052+0000

Record Last Update: 20260801T080958+0000

Ratings and Alerts

No rating or validation information has been found for pWZL Neo Myr Flag PIM1.

No alerts have been found for pWZL Neo Myr Flag PIM1.

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](#) .

Okada K, et al. (2018) FLT3-ITD induces expression of Pim kinases through STAT5 to confer resistance to the PI3K/Akt pathway inhibitors on leukemic cells by enhancing the mTORC1/Mcl-1 pathway. Oncotarget, 9(10), 8870.