

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

Flag p21 T145D

RRID:Addgene_16242

Type: Plasmid

Proper Citation

RRID:Addgene_16242

Plasmid Information

URL: <http://www.addgene.org/16242>

Proper Citation: RRID:Addgene_16242

Insert Name: p21

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11231573](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pMT5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Order of elements: CMV promoter--Flag--NdeI--ATG--human p21--TGA--BamHI.

Plasmid Name: Flag p21 T145D

Relevant Mutation: T145D

Record Creation Time: 20220422T221918+0000

Record Last Update: 20260919T091233+0000

Ratings and Alerts

No rating or validation information has been found for Flag p21 T145D.

No alerts have been found for Flag p21 T145D.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Maiuthed A, et al. (2026) Cytoplasmic p21 promotes stemness of colon cancer cells via activation of the NF- κ B pathway. Molecular oncology, 20(4), 1022.

Manousakis E, et al. (2026) CDKN1A/p21 Influences the Survival and Expansion of Breast Cancer Stem Cells after Oxidative Damage. Oncology research, 34(5), 20.

Ren G, et al. (2024) BET inhibition induces synthetic lethality in PTEN deficient colorectal cancers via dual action on p21CIP1/WAF1. International journal of biological sciences, 20(6), 1978.

Maiuthed A, et al. (2018) Cytoplasmic p21 Mediates 5-Fluorouracil Resistance by Inhibiting Pro-Apoptotic Chk2. Cancers, 10(10).