

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[human p53-\(1-320\)](#)

RRID:Addgene_24864

Type: Plasmid

Proper Citation

RRID:Addgene_24864

Plasmid Information

URL: <http://www.addgene.org/24864>

Proper Citation: RRID:Addgene_24864

Insert Name: p53

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11524676](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5700; Vector Backbone:pET15b; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: E.Coli strain for epression: BL21DE3-pLysS p53 proteins are expressed better and more stable at low temperature

Plasmid Name: human p53-(1-320)

Relevant Mutation: Contains aa 1-320

Record Creation Time: 20220422T222110+0000

Record Last Update: 20260815T081234+0000

Ratings and Alerts

No rating or validation information has been found for human p53-(1-320).

No alerts have been found for human p53-(1-320).

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 [RRID](#) .

Petronilho EC, et al. (2021) Phase separation of p53 precedes aggregation and is affected by oncogenic mutations and ligands. Chemical science, 12(21), 7334.

Villot R, et al. (2021) ZNF768 links oncogenic RAS to cellular senescence. Nature communications, 12(1), 4841.

Liu SH, et al. (2019) BIRC5 is a target for molecular imaging and detection of human pancreatic cancer. Cancer letters, 457, 10.

Melo Dos Santos N, et al. (2019) Loss of the p53 transactivation domain results in high amyloid aggregation of the ??40p53 isoform in endometrial carcinoma cells. The Journal of biological chemistry, 294(24), 9430.

Artigas N, et al. (2017) p53 inhibits SP7/Osterix activity in the transcriptional program of osteoblast differentiation. Cell death and differentiation, 24(12), 2022.