

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pcDNA3.1-N-Myc_C223S USP7

RRID:Addgene_131243

Type: Plasmid

Proper Citation

RRID:Addgene_131243

Plasmid Information

URL: <http://www.addgene.org/131243>

Proper Citation: RRID:Addgene_131243

Insert Name: Ubiquitin carboxyl-terminal hydrolase 7

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33279577](#)

Vector Backbone Description: Backbone Marker:Genscript; Backbone Size:5435; Vector Backbone:pcDNA3.1+/N-Myc; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-N-Myc_C223S USP7

Relevant Mutation: Contains a point mutation that converts USP7 cysteine 223 to serine (C223S), as well as introduces a silent SpeI restriction site

Record Creation Time: 20220422T221728+0000

Record Last Update: 20260808T080748+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-N-Myc_C223S USP7.

No alerts have been found for pcDNA3.1-N-Myc_C223S USP7.

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 [SPARC SAWG](#) .

Keshri S, et al. (2024) USP7 protects TFEB from proteasome-mediated degradation. Cell reports, 43(11), 114872.