

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

pCI-neo Flag HAUSP

RRID:Addgene_16655

Type: Plasmid

Proper Citation

RRID:Addgene_16655

Plasmid Information

URL: <http://www.addgene.org/16655>

Proper Citation: RRID:Addgene_16655

Insert Name: HAUSP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15118411](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5472; Vector Backbone:pCI-Neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: A fragment of human HAUSP cDNA including the entire ORF was cloned into pCI-neo at the NheI and XbaI sites. (Please note that the XbaI site is blocked by overlapping methylation). A sequence including the Flag tag was added to one of the primers so that the encoded protein contains a Flag tag at the N-terminus.

Plasmid Name: pCI-neo Flag HAUSP

Record Creation Time: 20220422T221937+0000

Record Last Update: 20260905T075129+0000

Ratings and Alerts

No rating or validation information has been found for pCI-neo Flag HAUSP.

No alerts have been found for pCI-neo Flag HAUSP.

Data and Source Information

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Lan H, et al. (2025) Targeting casein kinase 2 and ubiquitin-specific protease 7 to modulate RUNX2-mediated osteogenesis in chronic kidney disease. *Molecular medicine (Cambridge, Mass.)*, 31(1), 214.

Frey Y, et al. (2022) Proteasomal turnover of the RhoGAP tumor suppressor DLC1 is regulated by HECTD1 and USP7. *Scientific reports*, 12(1), 5036.

Qiao H, et al. (2022) Role of the DUB enzyme USP7 in dendritic arborization, neuronal migration, and autistic-like behaviors in mice. *iScience*, 25(7), 104595.

Sun Y, et al. (2021) PARylation prevents the proteasomal degradation of topoisomerase I DNA-protein crosslinks and induces their deubiquitylation. *Nature communications*, 12(1), 5010.

Li C, et al. (2021) TRIP13 modulates protein deubiquitination and accelerates tumor development and progression of B cell malignancies. *The Journal of clinical investigation*, 131(14).

Kim JM, et al. (2020) A RUNX2 stabilization pathway mediates physiologic and pathologic bone formation. *Nature communications*, 11(1), 2289.

Zhang T, et al. (2020) USP7 regulates ALS-associated proteotoxicity and quality control through the NEDD4L-SMAD pathway. *Proceedings of the National Academy of Sciences of the United States of America*, 117(45), 28114.

Biswas K, et al. (2018) BRE/BRCC45 regulates CDC25A stability by recruiting USP7 in response to DNA damage. *Nature communications*, 9(1), 537.

Wang X, et al. (2018) Clinical Significance of Ubiquitin Specific Protease 7 (USP7) in Predicting Prognosis of Hepatocellular Carcinoma and its Functional Mechanisms. *Medical science monitor : international medical journal of experimental and clinical research*, 24, 1742.

Franqui-Machin R, et al. (2018) Destabilizing NEK2 overcomes resistance to proteasome inhibition in multiple myeloma. *The Journal of clinical investigation*, 128(7), 2877.

Lamberto I, et al. (2017) Structure-Guided Development of a Potent and Selective Non-covalent Active-Site Inhibitor of USP7. *Cell chemical biology*, 24(12), 1490.

Mungamuri SK, et al. (2016) USP7 Enforces Heterochromatinization of p53 Target Promoters by Protecting SUV39H1 from MDM2-Mediated Degradation. *Cell reports*, 14(11), 2528.

Papp SJ, et al. (2015) DNA damage shifts circadian clock time via Hausp-dependent Cry1 stabilization. *eLife*, 4.

Bhattacharya S, et al. (2014) HAUSP, a novel deubiquitinase for Rb - MDM2 the critical regulator. *The FEBS journal*, 281(13), 3061.

Hall JA, et al. (2014) USP7 attenuates hepatic gluconeogenesis through modulation of FoxO1 gene promoter occupancy. *Molecular endocrinology (Baltimore, Md.)*, 28(6), 912.

Zemp I, et al. (2014) The shelterin component TPP1 is a binding partner and substrate for the deubiquitinating enzyme USP7. *The Journal of biological chemistry*, 289(41), 28595.

Khoronenkova SV, et al. (2011) USP7/HAUSP stimulates repair of oxidative DNA lesions. *Nucleic acids research*, 39(7), 2604.

Yuan J, et al. (2010) USP10 regulates p53 localization and stability by deubiquitinating p53. *Cell*, 140(3), 384.