

Resource Summary Report

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

Flag-HA-USP21

RRID:Addgene_22574

Type: Plasmid

Proper Citation

RRID:Addgene_22574

Plasmid Information

URL: <http://www.addgene.org/22574>

Proper Citation: RRID:Addgene_22574

Insert Name: USP21

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19615732](#)

Vector Backbone Description: Backbone Marker:Harper_Lab; Backbone Size:6521; Vector Backbone:pDEST_LTR_N_FLAG_HA_IRES_puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: Flag-HA-USP21

Relevant Mutation: None

Record Creation Time: 20220422T222100+0000

Record Last Update: 20260815T081213+0000

Ratings and Alerts

No rating or validation information has been found for Flag-HA-USP21.

No alerts have been found for Flag-HA-USP21.

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](#) .

Shin JH, et al. (2024) USP21-EGFR signaling axis is functionally implicated in metastatic colorectal cancer. *Cell death discovery*, 10(1), 492.

Kanner SA, et al. (2020) Targeted deubiquitination rescues distinct trafficking-deficient ion channelopathies. *Nature methods*, 17(12), 1245.

Arceci A, et al. (2019) FOXM1 Deubiquitination by USP21 Regulates Cell Cycle Progression and Paclitaxel Sensitivity in Basal-like Breast Cancer. *Cell reports*, 26(11), 3076.

Shin YC, et al. (2017) The molecular determinants for distinguishing between ubiquitin and NEDD8 by USP2. *Scientific reports*, 7(1), 2304.

Nguyen HT, et al. (2017) USP21 regulates Hippo pathway activity by mediating MARK protein turnover. *Oncotarget*, 8(38), 64095.