

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pCMV-Tag2B EDD

RRID:Addgene_37188

Type: Plasmid

Proper Citation

RRID:Addgene_37188

Plasmid Information

URL: <http://www.addgene.org/37188>

Proper Citation: RRID:Addgene_37188

Insert Name: EDD

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12011095](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4373; Vector Backbone:pCMV-Tag2B; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Addgene NGS results identified a K503R mutation within the UBR5 translation. There is no information on the functional consequence of this mutation

Plasmid Name: pCMV-Tag2B EDD

Relevant Mutation: Please see Depositor Comments

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081413+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-Tag2B EDD.

No alerts have been found for pCMV-Tag2B EDD.

Data and Source Information

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Yang D, et al. (2024) UBR5 promotes antiviral immunity by disengaging the transcriptional brake on RIG-I like receptors. Nature communications, 15(1), 780.

Song M, et al. (2024) UBR5 mediates colorectal cancer chemoresistance by attenuating ferroptosis via Lys 11 ubiquitin-dependent stabilization of Smad3-SLC7A11 signaling. Redox biology, 76, 103349.

Chen M, et al. (2023) NUSAP1-LDHA-Glycolysis-Lactate feedforward loop promotes Warburg effect and metastasis in pancreatic ductal adenocarcinoma. Cancer letters, 567, 216285.

Dhingani N, et al. (2020) The E3 ubiquitin ligase UBR5 interacts with TTC7A and may be associated with very early onset inflammatory bowel disease. Scientific reports, 10(1), 18648.

Song M, et al. (2020) Tumor derived UBR5 promotes ovarian cancer growth and metastasis through inducing immunosuppressive macrophages. Nature communications, 11(1), 6298.

Song M, et al. (2020) Targeting ubiquitin protein ligase E3 component N-recognin 5 in cancer cells induces a CD8+ T cell mediated immune response. Oncoimmunology, 9(1), 1746148.

Rigogliuso G, et al. (2019) A human endogenous retrovirus encoded protease potentially cleaves numerous cellular proteins. Mobile DNA, 10, 36.

MacDonald TM, et al. (2019) Prolactin-inducible EDD E3 ubiquitin ligase promotes TORC1 signalling, anti-apoptotic protein expression, and drug resistance in breast cancer cells. American journal of cancer research, 9(7), 1484.

Panfil AR, et al. (2018) Stability of the HTLV-1 Antisense-Derived Protein, HBZ, Is Regulated by the E3 Ubiquitin-Protein Ligase, UBR5. Frontiers in microbiology, 9, 80.

Hossain D, et al. (2017) Cep78 controls centrosome homeostasis by inhibiting EDD-DYRK2-DDB1VprBP. EMBO reports, 18(4), 632.

Liao L, et al. (2017) E3 Ubiquitin Ligase UBR5 Drives the Growth and Metastasis of Triple-Negative Breast Cancer. Cancer research, 77(8), 2090.

Matsuura K, et al. (2017) Downregulation of the proapoptotic protein MOAP-1 by the UBR5 ubiquitin ligase and its role in ovarian cancer resistance to cisplatin. Oncogene, 36(12), 1698.

Subbaiah VK, et al. (2016) E3 ligase EDD1/UBR5 is utilized by the HPV E6 oncogene to destabilize tumor suppressor TIP60. *Oncogene*, 35(16), 2062.

Chen HW, et al. (2013) A functional genomic approach reveals the transcriptional role of EDD in the expression and function of angiogenesis regulator ACVRL1. *Biochimica et biophysica acta*, 1829(12), 1309.

Xia L, et al. (2013) Phosphoproteomics study on the activated PKC α -induced cell death. *Journal of proteome research*, 12(10), 4280.