

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pFLAG-XBP1u-FLuc

RRID:Addgene_31239

Type: Plasmid

Proper Citation

RRID:Addgene_31239

Plasmid Information

URL: <http://www.addgene.org/31239>

Proper Citation: RRID:Addgene_31239

Insert Name: FLAG-XBP1u-FLuc

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20070307](#)

Vector Backbone Description: Vector Backbone:pTriEx-4; Vector Types:Mammalian Expression, Bacterial Expression, Insect Expression; Bacterial Resistance:Ampicillin

Comments: EV71 5' UTR between Renilla and firefly luciferase.

Plasmid Name: pFLAG-XBP1u-FLuc

Record Creation Time: 20220422T222135+0000

Record Last Update: 20260815T081330+0000

Ratings and Alerts

No rating or validation information has been found for pFLAG-XBP1u-FLuc.

No alerts have been found for pFLAG-XBP1u-FLuc.

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](#) .

Kranz P, et al. (2020) Tumor cells rely on the thiol oxidoreductase PDI for PERK signaling in order to survive ER stress. Scientific reports, 10(1), 15299.

Chen S, et al. (2019) Trimethylamine N-Oxide Binds and Activates PERK to Promote Metabolic Dysfunction. Cell metabolism, 30(6), 1141.

Kranz P, et al. (2017) PDI is an essential redox-sensitive activator of PERK during the unfolded protein response (UPR). Cell death & disease, 8(8), e2986.

Chen D, et al. (2017) Human Herpesvirus 8 Interleukin-6 Interacts with Calnexin Cycle Components and Promotes Protein Folding. Journal of virology, 91(22).

Hussmann M, et al. (2015) Depletion of the thiol oxidoreductase ERp57 in tumor cells inhibits proliferation and increases sensitivity to ionizing radiation and chemotherapeutics. Oncotarget, 6(36), 39247.