

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[p3xFLAG-ATF6](#)

RRID:Addgene_11975

Type: Plasmid

Proper Citation

RRID:Addgene_11975

Plasmid Information

URL: <http://www.addgene.org/11975>

Proper Citation: RRID:Addgene_11975

Insert Name: ATF6

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11821395](#)

Vector Backbone Description: Backbone Marker:Sigma; Backbone Size:4700; Vector Backbone:pCMV-3xFLAG-7.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See author's map for cloning details.

Plasmid Name: p3xFLAG-ATF6

Record Creation Time: 20220422T221626+0000

Record Last Update: 20260815T080316+0000

Ratings and Alerts

No rating or validation information has been found for p3xFLAG-ATF6.

No alerts have been found for p3xFLAG-ATF6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Marini C, et al. (2026) The pivotal role of endoplasmic reticulum in cancer glucose metabolism. *iScience*, 29(1), 114503.

Wada S, et al. (2026) Regulation of the endoplasmic reticulum stress sensor ATF6 β through multiple oxidoreductases in the ER. *iScience*, 29(6), 116290.

Jo A, et al. (2025) Membrane-tethered SCOTIN condensates elicit an endoplasmic reticulum stress response by sequestering luminal BiP. *Cell reports*, 44(2), 115297.

Parks SZ, et al. (2021) The Ca²⁺-binding protein sorcin stimulates transcriptional activity of the unfolded protein response mediator ATF6. *FEBS letters*, 595(13), 1782.

Charbord J, et al. (2021) In vivo screen identifies a SIK inhibitor that induces β cell proliferation through a transient UPR. *Nature metabolism*, 3(5), 682.

Sicari D, et al. (2020) A guide to assessing endoplasmic reticulum homeostasis and stress in mammalian systems. *The FEBS journal*, 287(1), 27.

Kim HS, et al. (2019) The p38-activated ER stress-ATF6 β axis mediates cellular senescence. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 33(2), 2422.

Nguyen P, et al. (2019) GIV/Girdin promotes cell survival during endoplasmic reticulum stress. *Molecular and cellular biochemistry*, 453(1-2), 79.

Rohde C, et al. (2019) Marburg virus regulates the IRE1/XBP1-dependent unfolded protein response to ensure efficient viral replication. *Emerging microbes & infections*, 8(1), 1300.

Zhou R, et al. (2018) Resveratrol Ameliorates Lipid Droplet Accumulation in Liver Through a SIRT1/ ATF6-Dependent Mechanism. *Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology*, 51(5), 2397.

Han H, et al. (2017) Disrupted ER-to-Golgi Trafficking Underlies Anti-HIV Drugs and Alcohol-Induced Cellular Stress and Hepatic Injury. *Hepatology communications*, 1(2), 122.

Ferreira RB, et al. (2017) Disulfide bond disrupting agents activate the unfolded protein response in EGFR- and HER2-positive breast tumor cells. *Oncotarget*, 8(17), 28971.

Park JW, et al. (2017) The novel resveratrol derivative 3,5-diethoxy-3',4'-dihydroxy-trans-stilbene induces mitochondrial ROS-mediated ER stress and cell death in human hepatoma cells in vitro. *Acta pharmacologica Sinica*, 38(11), 1486.

El Karoui K, et al. (2016) Endoplasmic reticulum stress drives proteinuria-induced kidney lesions via Lipocalin 2. *Nature communications*, 7, 10330.

Ernst WL, et al. (2016) VAMP-associated Proteins (VAP) as Receptors That Couple Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Proteostasis with Lipid Homeostasis. *The Journal of biological chemistry*, 291(10), 5206.

Cagalinec M, et al. (2016) Role of Mitochondrial Dynamics in Neuronal Development: Mechanism for Wolfram Syndrome. *PLoS biology*, 14(7), e1002511.

Plumb R, et al. (2015) A functional link between the co-translational protein translocation pathway and the UPR. *eLife*, 4.

Quentin T, et al. (2012) Metformin differentially activates ER stress signaling pathways without inducing apoptosis. *Disease models & mechanisms*, 5(2), 259.

Witte I, et al. (2011) Assessment of endoplasmic reticulum stress and the unfolded protein response in endothelial cells. *Methods in enzymology*, 489, 127.

Dodding MP, et al. (2011) A kinesin-1 binding motif in vaccinia virus that is widespread throughout the human genome. *The EMBO journal*, 30(22), 4523.