Resource Summary Report

Generated by RRID on Aug 17, 2026

NC16 pCDNA3.1 FLAG NRF2

RRID:Addgene_36971
Type: Plasmid

Proper Citation

RRID:Addgene_36971

Plasmid Information

URL: http://www.addgene.org/36971

Proper Citation: RRID:Addgene_36971

Insert Name: NRF2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:22215675

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: NC16 pCDNA3.1 FLAG NRF2

Record Creation Time: 20220422T222156+0000

Record Last Update: 20260815T081411+0000

Ratings and Alerts

No rating or validation information has been found for NC16 pCDNA3.1 FLAG NRF2.

No alerts have been found for NC16 pCDNA3.1 FLAG NRF2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Zhu Y, et al. (2026) Targeted inhibition of Nrf2 potentiates antitumor immunity and enhances the efficacy of immunotherapy in hepatocellular carcinoma. Journal for immunotherapy of cancer, 14(3).

Tran PL, et al. (2025) SDCBP/Syntenin-1 stabilizes BACH1 by disassembling the SCFFBXO22-BACH1 complex in triple-negative breast cancer. The EMBO journal, 44(11), 3085.

Chen C, et al. (2025) Regulation of NRF2 by stably associated phosphoinositides and small heat shock proteins in response to stress. The Journal of biological chemistry, 301(7), 110367.

Chen C, et al. (2024) Regulation of NRF2 by Phosphoinositides and Small Heat Shock Proteins. bioRxiv : the preprint server for biology.

De Angelis M, et al. (2023) Dysregulation of intracellular redox homeostasis by the SARS-CoV-2 ORF6 protein. Virology journal, 20(1), 239.

Liu C, et al. (2023) Hypoxia promotes epithelial-mesenchymal transition in lung cancer cells via regulating the NRF2/miR????27a/BUB1 pathway. Clinical & translational oncology : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico, 25(2), 510.

Simon-Molas H, et al. (2022) The Expression of TP53-Induced Glycolysis and Apoptosis Regulator (TIGAR) Can Be Controlled by the Antioxidant Orchestrator NRF2 in Human Carcinoma Cells. International journal of molecular sciences, 23(3).

Ma L, et al. (2021) Eugenol protects cells against oxidative stress via Nrf2. Experimental and therapeutic medicine, 21(2), 107.

Walters TS, et al. (2021) SUMO-Modification of Human Nrf2 at K110 and K533 Regulates Its Nucleocytoplasmic Localization, Stability and Transcriptional Activity. Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology, 55(2), 141.

Miller WP, et al. (2020) The stress response protein REDD1 promotes diabetes-induced oxidative stress in the retina by Keap1-independent Nrf2 degradation. The Journal of biological chemistry, 295(21), 7350.

Matzinger M, et al. (2020) AMPK leads to phosphorylation of the transcription factor Nrf2, tuning transactivation of selected target genes. Redox biology, 29, 101393.

Kim S, et al. (2020) CR6 interacting factor 1 deficiency induces premature senescence via SIRT3 inhibition in endothelial cells. Free radical biology & medicine, 150, 161.

Sarcinelli C, et al. (2020) ATF4-Dependent NRF2 Transcriptional Regulation Promotes Antioxidant Protection during Endoplasmic Reticulum Stress. Cancers, 12(3).

Ganner A, et al. (2020) The acetyltransferase p300 regulates NRF2 stability and localization. Biochemical and biophysical research communications, 524(4), 895.

Ibrahim L, et al. (2020) Defining the Functional Targets of Cap'n'collar Transcription Factors NRF1, NRF2, and NRF3. Antioxidants (Basel, Switzerland), 9(10).

Rajesh Y, et al. (2019) Targeting NFE2L2, a transcription factor upstream of MMP-2: A potential therapeutic strategy for temozolomide resistant glioblastoma. Biochemical pharmacology, 164, 1.

Wei J, et al. (2019) Increased expression of NAF1 contributes to malignant phenotypes of glioma cells through promoting protein synthesis and associates with poor patient survival. Oncogenesis, 8(4), 25.

Towers CG, et al. (2019) Cancer Cells Upregulate NRF2 Signaling to Adapt to Autophagy Inhibition. Developmental cell, 50(6), 690.

Paul S, et al. (2018) NRF2 transcriptionally activates the heat shock factor 1 promoter under oxidative stress and affects survival and migration potential of MCF7 cells. The Journal of biological chemistry, 293(50), 19303.

Jena KK, et al. (2018) TRIM16 controls assembly and degradation of protein aggregates by modulating the p62-NRF2 axis and autophagy. The EMBO journal, 37(18).