

Resource Summary Report

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

[plenti-ATF4](#)

RRID:Addgene_125238

Type: Plasmid

Proper Citation

RRID:Addgene_125238

Plasmid Information

URL: <http://www.addgene.org/125238>

Proper Citation: RRID:Addgene_125238

Insert Name: ATF4

Organism: Homo sapiens

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:25795775](#)

Vector Backbone Description: Backbone Marker:origene; Backbone Size:7600; Vector Backbone:pLenti-c-Myc-DDK-IRES-Puro; Vector Types:Lentiviral; Bacterial Resistance:Chloramphenicol

Plasmid Name: plenti-ATF4

Record Creation Time: 20220422T221657+0000

Record Last Update: 20260815T080414+0000

Ratings and Alerts

No rating or validation information has been found for plenti-ATF4.

No alerts have been found for plenti-ATF4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhang T, et al. (2025) POLR1A inhibits ferroptosis by regulating TFAM-mediated mitophagy and iron homeostasis. *Redox biology*, 85, 103758.

Zheng ZQ, et al. (2024) Hyperactivation of mTOR/eIF4E Signaling Pathway Promotes the Production of Tryptophan-To-Phenylalanine Substitutants in EBV-Positive Gastric Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 11(35), e2402284.

Du L, et al. (2023) Inhibition of LSD1 induces ferroptosis through the ATF4-xCT pathway and shows enhanced anti-tumor effects with ferroptosis inducers in NSCLC. *Cell death & disease*, 14(11), 716.