

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 15, 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 [nidm-terms](#) .

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.