

Resource Summary Report

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

HSF1-GFPN3

RRID:Addgene_32538

Type: Plasmid

Proper Citation

RRID:Addgene_32538

Plasmid Information

URL: <http://www.addgene.org/32538>

Proper Citation: RRID:Addgene_32538

Insert Name: HSF1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12917326](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4729; Vector Backbone:pEGFP-N3; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please note that mutation P448L in HSF1 was found during Addgene's quality control. This plasmid should function as reported in the associated publication.

Plasmid Name: HSF1-GFPN3

Relevant Mutation: see depositor comments below

Record Creation Time: 20220422T222141+0000

Record Last Update: 20260815T081342+0000

Ratings and Alerts

No rating or validation information has been found for HSF1-GFPN3.

No alerts have been found for HSF1-GFPN3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ha TY, et al. (2025) SOX9 haploinsufficiency reveals SOX9-Noggin interaction in BMP-SMAD signaling pathway in chondrogenesis. Cellular and molecular life sciences : CMLS, 82(1), 99.

Han M, et al. (2025) Programmable control of spatial transcriptome in live cells and neurons. Nature, 643(8070), 241.

Bouchard AY, et al. (2025) A short SUMOylation tag modulates transcription factor activity. The Journal of biological chemistry, 301(11), 110807.

Mota A, et al. (2021) FOXR1 regulates stress response pathways and is necessary for proper brain development. PLoS genetics, 17(11), e1009854.

Park HK, et al. (2020) Unleashing the full potential of Hsp90 inhibitors as cancer therapeutics through simultaneous inactivation of Hsp90, Grp94, and TRAP1. Experimental & molecular medicine, 52(1), 79.

Ray J, et al. (2020) RNA aptamer capture of macromolecular complexes for mass spectrometry analysis. Nucleic acids research, 48(15), e90.

Shin Y, et al. (2018) Liquid Nuclear Condensates Mechanically Sense and Restructure the Genome. Cell, 175(6), 1481.

Purwana I, et al. (2017) HSF1 acetylation decreases its transcriptional activity and enhances glucolipotoxicity-induced apoptosis in rat and human beta cells. Diabetologia, 60(8), 1432.