

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

eGFP STAT1 WT

RRID:Addgene_12301

Type: Plasmid

Proper Citation

RRID:Addgene_12301

Plasmid Information

URL: <http://www.addgene.org/12301>

Proper Citation: RRID:Addgene_12301

Insert Name: STAT1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:16799645](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The STAT1 full-size coding region was amplified using total cDNA from SK-NEP-1 cells and cloned into pEGFP-C1. The hSTAT1 insert contains an N372D mutation compared to all available reference sequences.

Plasmid Name: eGFP STAT1 WT

Record Creation Time: 20220422T221643+0000

Record Last Update: 20260905T074616+0000

Ratings and Alerts

No rating or validation information has been found for eGFP STAT1 WT.

No alerts have been found for eGFP STAT1 WT.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Wang S, et al. (2025) A feedforward loop between STAT1 and YAP1 stimulates lipid biosynthesis, accelerates tumor growth, and promotes chemotherapy resistance in mutant KRAS colorectal cancer. *Communications biology*, 8(1), 1278.

Zhang R, et al. (2025) PKC γ regulates the secretion of PDL1-carrying small extracellular vesicles in a p53-dependent manner. *Cell death & disease*, 16(1), 19.

Ghosh C, et al. (2024) Type I gamma phosphatidylinositol phosphate 5-kinase i5 controls cell sensitivity to interferon. *Developmental cell*.

Mesev EV, et al. (2023) Membrane-proximal motifs encode differences in signaling strength between type I and III interferon receptors. *Science signaling*, 16(806), eadf5494.

Niu J, et al. (2019) Fatty acids and cancer-amplified ZDHHC19 promote STAT3 activation through S-palmitoylation. *Nature*, 573(7772), 139.

Nitulescu II, et al. (2017) Mediator Kinase Phosphorylation of STAT1 S727 Promotes Growth of Neoplasms With JAK-STAT Activation. *EBioMedicine*, 26, 112.

Yang L, et al. (2017) Porcine Reproductive and Respiratory Syndrome Virus Antagonizes JAK/STAT3 Signaling via nsp5, Which Induces STAT3 Degradation. *Journal of virology*, 91(3).

Trinh B, et al. (2015) The homeoprotein DLX4 controls inducible nitric oxide synthase-mediated angiogenesis in ovarian cancer. *Molecular cancer*, 14, 97.

Salvucci O, et al. (2015) EphrinB2 controls vessel pruning through STAT1-JNK3 signalling. *Nature communications*, 6, 6576.

Mounayar M, et al. (2015) PI3k γ and STAT1 Interplay Regulates Human Mesenchymal Stem Cell Immune Polarization. *Stem cells (Dayton, Ohio)*, 33(6), 1892.

Dickerman BK, et al. (2015) The protein activator of protein kinase R, PACT/RAX, negatively regulates protein kinase R during mouse anterior pituitary development. *The FEBS journal*, 282(24), 4766.