Resource Summary Report

Generated by RRID on Aug 25, 2026

eGFP STAT1 Y701F

RRID:Addgene_12302
Type: Plasmid

Proper Citation

RRID:Addgene_12302

Plasmid Information

URL: http://www.addgene.org/12302

Proper Citation: RRID:Addgene_12302

Insert Name: STAT1 Y701F

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. Y701F mutation made using QuikChange mutagenesis kit. The STAT1 insert contains a D372N mutation compared to all available reference sequences.

Plasmid Name: eGFP STAT1 Y701F

Relevant Mutation: Y701F

Record Creation Time: 20220422T221643+0000

Record Last Update: 20260815T080349+0000

Ratings and Alerts

No rating or validation information has been found for eGFP STAT1 Y701F.

No alerts have been found for eGFP STAT1 Y701F.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.

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

Wang Y, et al. (2020) Selenium-binding protein 1 transcriptionally activates p21 expression via p53-independent mechanism and its frequent reduction associates with poor prognosis in bladder cancer. Journal of translational medicine, 18(1), 17.

Darvin P, et al. (2017) Tannic acid inhibits EGFR/STAT1/3 and enhances p38/STAT1 signalling axis in breast cancer cells. Journal of cellular and molecular medicine, 21(4), 720.