

Resource Summary Report

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

eGFP STAT1 S727E

RRID:Addgene_12305

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/12305>

Proper Citation: RRID:Addgene_12305

Insert Name: STAT1 S727E

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. S727E mutation made using QuikChange mutagenesis kit. STAT1 also contains N372D mutation compared to all available reference sequences.

Plasmid Name: eGFP STAT1 S727E

Relevant Mutation: S727E

Record Creation Time: 20220422T221644+0000

Record Last Update: 20260815T080350+0000

Ratings and Alerts

No rating or validation information has been found for eGFP STAT1 S727E.

No alerts have been found for eGFP STAT1 S727E.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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