

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Stat3 S727A pRc/CMV

RRID:Addgene_8708

Type: Plasmid

Proper Citation

RRID:Addgene_8708

Plasmid Information

URL: <http://www.addgene.org/8708>

Proper Citation: RRID:Addgene_8708

Insert Name: Stat3 S727A

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9153303](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pRc/CMV; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Diagnostic Restriction Digest with BamHI (3.2kb, 3.1kb, and 2.0kb). * E16K mutation found during QC

Plasmid Name: Stat3 S727A pRc/CMV

Relevant Mutation: S727A (exhibits o serine phosphorylation either constitutive or induced) *see comments

Record Creation Time: 20220422T222559+0000

Record Last Update: 20260725T075318+0000

Ratings and Alerts

No rating or validation information has been found for Stat3 S727A pRc/CMV.

No alerts have been found for Stat3 S727A pRc/CMV.

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 [NIF](#) .

Kumar R, et al. (2016) Proline-rich tyrosine kinase 2 via enhancing signal transducer and activator of transcription 3-dependent cJun expression mediates retinal neovascularization. Scientific reports, 6, 26480.

Visavadiya NP, et al. (2016) Integrin-FAK signaling rapidly and potently promotes mitochondrial function through STAT3. Cell communication and signaling : CCS, 14(1), 32.

Gujral TS, et al. (2014) A noncanonical Frizzled2 pathway regulates epithelial-mesenchymal transition and metastasis. Cell, 159(4), 844.

Chang YJ, et al. (2014) SH2B1?? interacts with STAT3 and enhances fibroblast growth factor 1-induced gene expression during neuronal differentiation. Molecular and cellular biology, 34(6), 1003.