

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

pcDNA3 c-SRC (151-536)

RRID:Addgene_42207

Type: Plasmid

Proper Citation

RRID:Addgene_42207

Plasmid Information

URL: <http://www.addgene.org/42207>

Proper Citation: RRID:Addgene_42207

Insert Name: c-SRC (151-536)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10753943](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: All c-SRC mutants were generated by polymerase chain reaction using c-SRC (WT) (Addgene Plasmid #42202) as a template, and polymerase chain reaction products containing a minimal Kozak sequence were cloned into the HindIII and XhoI sites of pcDNA3. This construct contains amino acids 151-536 of human c-SRC and is untagged. All sequences were confirmed using an automated ABI DNA sequencer (Howard Hughes Nucleic Acid Facility, Duke University). This plasmid also contains an L176F point mutation which should not affect function.

Plasmid Name: pcDNA3 c-SRC (151-536)

Relevant Mutation: contains amino acids 151-536

Record Creation Time: 20220422T222218+0000

Record Last Update: 20260725T074658+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 c-SRC (151-536).

No alerts have been found for pcDNA3 c-SRC (151-536).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Backe SJ, et al. (2023) PhosY-secretome profiling combined with kinase-substrate interaction screening defines active c-Src-driven extracellular signaling. Cell reports, 42(6), 112539.

Iida M, et al. (2019) Src inhibition attenuates polyglutamine-mediated neuromuscular degeneration in spinal and bulbar muscular atrophy. Nature communications, 10(1), 4262.