

Resource Summary Report

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

pIRES2-EGFP-SHP2CS

RRID:Addgene_12284

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/12284>

Proper Citation: RRID:Addgene_12284

Insert Name: SHP-2CS

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15133037](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3500; Vector Backbone:pIRES2-EGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pIRES2-EGFP-SHP2CS

Relevant Mutation: Cysteine 459 mutated to Serine

Record Creation Time: 20220422T221642+0000

Record Last Update: 20260815T080347+0000

Ratings and Alerts

No rating or validation information has been found for pIRES2-EGFP-SHP2CS.

No alerts have been found for pIRES2-EGFP-SHP2CS.

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](#) .

Chattopadhyay R, et al. (2017) Resolvin D1 via prevention of ROS-mediated SHP2 inactivation protects endothelial adherens junction integrity and barrier function. Redox biology, 12, 438.