

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pDONR223-SRC

RRID:Addgene_23934

Type: Plasmid

Proper Citation

RRID:Addgene_23934

Plasmid Information

URL: <http://www.addgene.org/23934>

Proper Citation: RRID:Addgene_23934

Insert Name: SRC

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:21107320](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: The ORF has no Stop codon. This design enables easy recombination into a destination vector to add an epitope tag of choice and Stop codon to the ORF. Do NOT use this plasmid directly for transfections. A set of 4 custom lentiviral vectors is available (pLX301 (<http://www.addgene.org/25895/>) , pLX302 (<http://www.addgene.org/25896/>) , pLX303 (<http://www.addgene.org/25897/>) , pLX304 (<http://www.addgene.org/25890/>)) to be used to express these ORFs in mammalian cells. These plasmids are not included in the kit and must be ordered separately.

Plasmid Name: pDONR223-SRC

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260815T081226+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-SRC.

No alerts have been found for pDONR223-SRC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Shi R, et al. (2025) Drug tolerance and persistence to EGFR inhibitor treatment are mediated by an ILK-SFK-YAP signaling axis in lung adenocarcinoma. *Oncogene*, 44(32), 2831.

Dine E, et al. (2021) Positive feedback between the T??cell kinase Zap70 and its substrate LAT acts as a clustering-dependent signaling switch. *Cell reports*, 35(12), 109280.

Han T, et al. (2019) Interplay between c-Src and the APC/C co-activator Cdh1 regulates mammary tumorigenesis. *Nature communications*, 10(1), 3716.

Sun J, et al. (2018) A tightly controlled Src-YAP signaling axis determines therapeutic response to dasatinib in renal cell carcinoma. *Theranostics*, 8(12), 3256.

Albanese SK, et al. (2018) An Open Library of Human Kinase Domain Constructs for Automated Bacterial Expression. *Biochemistry*, 57(31), 4675.

Hong YS, et al. (2014) Src mutation induces acquired lapatinib resistance in ERBB2-amplified human gastroesophageal adenocarcinoma models. *PLoS one*, 9(10), e109440.