

Resource Summary Report

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

pDONR223-JAK3

RRID:Addgene_23944

Type: Plasmid

Proper Citation

RRID:Addgene_23944

Plasmid Information

URL: <http://www.addgene.org/23944>

Proper Citation: RRID:Addgene_23944

Insert Name: JAK3

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 a Stop codon. 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-JAK3

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260815T081226+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-JAK3.

No alerts have been found for pDONR223-JAK3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Olson AT, et al. (2023) Polypharmacology-based kinome screen identifies new regulators of KSHV reactivation. bioRxiv : the preprint server for biology.

Olson AT, et al. (2023) Polypharmacology-based kinome screen identifies new regulators of KSHV reactivation. PLoS pathogens, 19(9), e1011169.

L?? L, et al. (2020) JAK3 restrains inflammatory responses and protects against periodontal disease through Wnt3a signaling. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(7), 9120.