

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pcDNA3-J chain

RRID:Addgene_145146

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/145146>

Proper Citation: RRID:Addgene_145146

Insert Name: immunoglobulin J chain

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32753553](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5332; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.03.16.994236v1> for BioRxiv preprint.

Plasmid Name: pcDNA3-J chain

Relevant Mutation: Codon-optimized for human cell expression.

Record Creation Time: 20220422T221818+0000

Record Last Update: 20260815T080653+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-J chain.

No alerts have been found for pcDNA3-J chain.

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](#) .

Mandal G, et al. (2026) Isotype-switched antibodies originating from tertiary lymphoid structures can antagonize ovarian cancer progression. iScience, 29(8), 116757.

Biswas S, et al. (2023) Targeting intracellular oncoproteins with dimeric IgA promotes expulsion from the cytoplasm and immune-mediated control of epithelial cancers. Immunity, 56(11), 2570.

Procko E, et al. (2020) The sequence of human ACE2 is suboptimal for binding the S spike protein of SARS coronavirus 2. bioRxiv : the preprint server for biology.