

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.