

# Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

## pcDNA5/FRT/TO V5

RRID:Addgene\_19445

Type: Plasmid

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### Proper Citation

RRID:Addgene\_19445

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### Plasmid Information

**URL:** <http://www.addgene.org/19445>

**Proper Citation:** RRID:Addgene\_19445

**Insert Name:** V5

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:18686016](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5137; Vector Backbone:pcDNA5/FRT/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Disclaimer: For cloning the various HSP genes, the Stratagene reference RNA for cDNA synthesis was used and genes were amplified from this mixture that originates from 10 different cell lines from different somatic origin and ultimately coming from 10 different individuals. This strategy was used to maximize the chance for the presence of individual HSP transcripts. Users must be aware that this mixture thus represents 20 complete haploid genomes, meaning that for each individual gene there might be polymorphisms that could potentially have functional consequences. The library was sequence verified only for the presence of the correct gene.

**Plasmid Name:** pcDNA5/FRT/TO V5

**Relevant Mutation:** V5 tag inserted to create new vector

**Record Creation Time:** 20220422T222046+0000

**Record Last Update:** 20260902T043433+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA5/FRT/TO V5.

No alerts have been found for pcDNA5/FRT/TO V5.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Huang YY, et al. (2025) EGFR phosphorylates DNAJB1 to suppress  $\alpha$ -synuclein aggregation in Parkinson's disease. NPJ Parkinson's disease, 11(1), 157.

Anitei M, et al. (2024) IER3IP1-mutations cause microcephaly by selective inhibition of ER-Golgi transport. Cellular and molecular life sciences : CMLS, 81(1), 334.

Zhang Q, et al. (2024) The deubiquitinase OTUD1 stabilizes NRF2 to alleviate hepatic ischemia/reperfusion injury. Redox biology, 75, 103287.

Simões-Correia J, et al. (2014) DNAJB4 molecular chaperone distinguishes WT from mutant E-cadherin, determining their fate in vitro and in vivo. Human molecular genetics, 23(8), 2094.