

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

## pcDNA3.1-2xFLAG-2xSTREP (empty vector)

RRID:Addgene\_172604

Type: Plasmid

### Proper Citation

RRID:Addgene\_172604

### Plasmid Information

**URL:** <http://www.addgene.org/172604>

**Proper Citation:** RRID:Addgene\_172604

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:33854235](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pcDNA3.1-2xFLAG-2xSTREP (empty vector)

**Record Creation Time:** 20220422T222001+0000

**Record Last Update:** 20260815T081026+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-2xFLAG-2xSTREP (empty vector).

No alerts have been found for pcDNA3.1-2xFLAG-2xSTREP (empty vector).

### Data and Source Information

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

### Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Chen Z, et al. (2025) Exon Skipping of Ste20-Like Kinase Enhances Glycolysis and Tumor Progression by Activating Enolase 1-Mediated Phosphoenolpyruvate Production. *Cancer research*, 85(20), 3930.

Zhang H, et al. (2025) K<sup>+</sup> channel's Organ Functions as a Developmental Hub in Mouse Cochlea Regulating Spiral Limbus and Tectorial Membrane Development. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(13).

Killarney ST, et al. (2025) PKN2 Is a Dependency of the Mesenchymal-like Cancer Cell State. *Cancer discovery*, 15(3), 595.

Zeng T, et al. (2025) ANXA1 binds and stabilizes EGFR to promote nasopharyngeal carcinoma radioresistance. *Molecular cancer therapeutics*.

Wang W, et al. (2025) FBXW5 Promotes Epithelial-Mesenchymal Transition in Lung Adenocarcinoma Through the KLF13/TROAP Signaling Pathway. *Molecular carcinogenesis*.