

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

## pEGFP-C1-AR

RRID:Addgene\_28235

Type: Plasmid

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### Proper Citation

RRID:Addgene\_28235

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### Plasmid Information

**URL:** <http://www.addgene.org/28235>

**Proper Citation:** RRID:Addgene\_28235

**Insert Name:** Androgen receptor

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:10196362](#)

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4731; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** Addgene's sequencing result indicates a loss of Q58 in the unstable poly-glutamine region. Our sequencing also shows that the BamHI site at the 3' end of the insert was destroyed. Please see our quality control sequence for the most accurate look at this region. Tilley, W.D., Marcelli, M., Wilson, J.D. and McPhaul, J.M. (1989) Characterization and cloning of a cDNA encoding the human androgen receptor. Proc. Natl Acad. Sci. USA, 86, 327??331

**Plasmid Name:** pEGFP-C1-AR

**Record Creation Time:** 20220422T222127+0000

**Record Last Update:** 20260725T074526+0000

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### Ratings and Alerts

No rating or validation information has been found for pEGFP-C1-AR.

No alerts have been found for pEGFP-C1-AR.

## Data and Source Information

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

## Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Bae TH, et al. (2025) An Autophagy-Targeting Chimera Induces Degradation of Androgen Receptor Mutants and AR-v7 in Castration-Resistant Prostate Cancer. *Cancer research*, 85(2), 342.

Hirani R, et al. (2025) BCL2 drives castration resistance in castration-sensitive prostate cancer by orchestrating reciprocal crosstalk between oncogenic pathways. *Cell reports*, 44(6), 115779.

Park HJ, et al. (2025) Meloside A Protects Dermal Papilla Cells from DHT-Induced Damage via Androgen Receptor Modulation. *Current issues in molecular biology*, 47(6).

Tian Y, et al. (2025) Role of androgen receptors in sexually dimorphic phenotypes in UBE3A-dependent autism spectrum disorder. *iScience*, 28(2), 111868.

Tian Y, et al. (2024) Sexually dimorphic phenotypes and the role of androgen receptors in UBE3A-dependent autism spectrum disorder. *bioRxiv : the preprint server for biology*.

Zhang S, et al. (2023) The glycoprotein 5 of porcine reproductive and respiratory syndrome virus stimulates mitochondrial ROS to facilitate viral replication. *mBio*, 14(6), e0265123.

Basu S, et al. (2023) Rational optimization of a transcription factor activation domain inhibitor. *Nature structural & molecular biology*, 30(12), 1958.

Mao F, et al. (2022) Diptoindonesin G antagonizes AR signaling and enhances the efficacy of antiandrogen therapy in prostate cancer. *The Prostate*, 82(8), 917.

Kwon H, et al. (2022) Androgen conspires with the CD8+ T cell exhaustion program and contributes to sex bias in cancer. *Science immunology*, 7(73), eabq2630.

Zhang N, et al. (2021) DNAzyme Cleavage of CAG Repeat RNA in Polyglutamine Diseases. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 18(3), 1710.

Schmidt K, et al. (2020) Targeting the Oncogenic Long Non-coding RNA SLNCR1 by Blocking Its Sequence-Specific Binding to the Androgen Receptor. *Cell reports*, 30(2), 541.

Grolez GP, et al. (2019) TRPM8-androgen receptor association within lipid rafts promotes prostate cancer cell migration. *Cell death & disease*, 10(9), 652.

Patsch K, et al. (2019) Monitoring dynamic cytotoxic chemotherapy response in castration-resistant prostate cancer using plasma cell-free DNA (cfDNA). BMC research notes, 12(1), 275.

Kim K, et al. (2019) Disordered region of cereblon is required for efficient degradation by proteolysis-targeting chimera. Scientific reports, 9(1), 19654.

Kuo PL, et al. (2019) Identification of SEPTIN12 as a novel target of the androgen and estrogen receptors in human testicular cells. Biochimie, 158, 1.

Bouchard JJ, et al. (2018) Cancer Mutations of the Tumor Suppressor SPOP Disrupt the Formation of Active, Phase-Separated Compartments. Molecular cell, 72(1), 19.

Li D, et al. (2018) Inhibition of androgen receptor transactivation function by adenovirus type 12 E1A undermines prostate cancer cell survival. The Prostate, 78(15), 1140.

De Mol E, et al. (2018) Regulation of Androgen Receptor Activity by Transient Interactions of Its Transactivation Domain with General Transcription Regulators. Structure (London, England : 1993), 26(1), 145.

Chopra H, et al. (2018) Activation of p53 and destabilization of androgen receptor by combinatorial inhibition of MDM2 and MDMX in prostate cancer cells. Oncotarget, 9(5), 6270.

Chattopadhyay I, et al. (2017) Src promotes castration-recurrent prostate cancer through androgen receptor-dependent canonical and non-canonical transcriptional signatures. Oncotarget, 8(6), 10324.