

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

pBABE-bleo IGF-1R

RRID:Addgene_11212

Type: Plasmid

Proper Citation

RRID:Addgene_11212

Plasmid Information

URL: <http://www.addgene.org/11212>

Proper Citation: RRID:Addgene_11212

Insert Name: IGF-1R

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15247278](#)

Vector Backbone Description: Backbone Size:4888; Vector Backbone:pBabe-bleo; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The insert was cloned from pcDNA IGF-1R (which contains a 4.2kb IGF-1R insert that lacks about 700bp of 3' sequence. This insert was cloned into the XhoI-XbaI sites of pcDNA). An EcoRI/XbaI fragment of pcDNA-IGF-1R was then inserted into SnaBI site of pBABE-bleo (EcoRI and XbaI sites were blunted).

Plasmid Name: pBABE-bleo IGF-1R

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260808T080445+0000

Ratings and Alerts

No rating or validation information has been found for pBABE-bleo IGF-1R.

No alerts have been found for pBABE-bleo IGF-1R.

Data and Source Information

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Joshi P, et al. (2024) Loss of RAB25 Cooperates with Oncogenes in the Transformation of Human Mammary Epithelial Cells (HMECs) to Give Rise to Claudin-Low Tumors. BioMed research international, 2024, 8544837.

Koo H, et al. (2021) PKM2 Regulates HSP90-Mediated Stability of the IGF-1R Precursor Protein and Promotes Cancer Cell Survival during Hypoxia. Cancers, 13(15).

Jen HW, et al. (2020) PSPC1 Potentiates IGF1R Expression to Augment Cell Adhesion and Motility. Cells, 9(6).

Deng G, et al. (2019) Anti-edema and antioxidant combination therapy for ischemic stroke via glyburide-loaded betulinic acid nanoparticles. Theranostics, 9(23), 6991.

Ari??s IM, et al. (2018) PRC2 loss induces chemoresistance by repressing apoptosis in T cell acute lymphoblastic leukemia. The Journal of experimental medicine, 215(12), 3094.

Guo H, et al. (2017) Atg5 Disassociates the V1V0-ATPase to Promote Exosome Production and Tumor Metastasis Independent of Canonical Macroautophagy. Developmental cell, 43(6), 716.

Werbin JL, et al. (2017) Multiplexed Exchange-PAINT imaging reveals ligand-dependent EGFR and Met interactions in the plasma membrane. Scientific reports, 7(1), 12150.

Brady DC, et al. (2017) Copper Chelation Inhibits BRAFV600E-Driven Melanomagenesis and Counters Resistance to BRAFV600E and MEK1/2 Inhibitors. Cancer research, 77(22), 6240.

Vaziri-Gohar A, et al. (2017) IGF-1 Receptor Modulates FoxO1-Mediated Tamoxifen Response in Breast Cancer Cells. Molecular cancer research : MCR, 15(4), 489.

Chen LM, et al. (2017) Proteolytic cleavages in the extracellular domain of receptor tyrosine kinases by membrane-associated serine proteases. Oncotarget, 8(34), 56490.

Rajbhandari N, et al. (2017) Autocrine IGF1 Signaling Mediates Pancreatic Tumor Cell Dormancy in the Absence of Oncogenic Drivers. Cell reports, 18(9), 2243.

Taliaferro-Smith L, et al. (2015) FAK activation is required for IGF1R-mediated regulation of EMT, migration, and invasion in mesenchymal triple negative breast cancer cells. Oncotarget, 6(7), 4757.

Wang Q, et al. (2014) Engineered ubiquitin ligase PTB-U-box targets insulin/insulin-like growth factor receptor for degradation and coordinately inhibits cancer malignancy. Oncotarget, 5(13), 4945.

Marconett CN, et al. (2012) Indole-3-carbinol disrupts estrogen receptor-alpha dependent expression of insulin-like growth factor-1 receptor and insulin receptor substrate-1 and proliferation of human breast cancer cells. *Molecular and cellular endocrinology*, 363(1-2), 74.