

Resource Summary Report

Generated by [RRID](#) on Aug 24, 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: 20260815T080158+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 [RRID](#) .

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.

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

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

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.