

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

HA-HIF1alpha-wt-pBabe-puro

RRID:Addgene_19365

Type: Plasmid

Proper Citation

RRID:Addgene_19365

Plasmid Information

URL: <http://www.addgene.org/19365>

Proper Citation: RRID:Addgene_19365

Insert Name: Hypoxia inducible factor 1 alpha

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17220275](#)

Vector Backbone Description: Backbone Size:5188; Vector Backbone:pBabe-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: HA-HIF1alpha-wt-pBabe-puro

Relevant Mutation: wt human cDNA

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081144+0000

Ratings and Alerts

No rating or validation information has been found for HA-HIF1alpha-wt-pBabe-puro.

No alerts have been found for HA-HIF1alpha-wt-pBabe-puro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Zhang X, et al. (2022) CDK6 increases glycolysis and suppresses autophagy by mTORC1-HK2 pathway activation in cervical cancer cells. *Cell cycle (Georgetown, Tex.)*, 21(9), 984.

Masgras I, et al. (2022) Tumor growth of neurofibromin-deficient cells is driven by decreased respiration and hampered by NAD⁺ and SIRT3. *Cell death and differentiation*, 29(10), 1996.

Loveless TB, et al. (2021) Lineage tracing and analog recording in mammalian cells by single-site DNA writing. *Nature chemical biology*, 17(6), 739.

Sun Y, et al. (2021) Loss of ATF4 leads to functional aging-like attrition of adult hematopoietic stem cells. *Science advances*, 7(52), eabj6877.

Piasecka D, et al. (2020) Upregulation of HIF1- α via an NF- κ B/COX2 pathway confers proliferative dominance of HER2-negative ductal carcinoma in situ cells in response to inflammatory stimuli. *Neoplasia (New York, N.Y.)*, 22(11), 576.

Wohlrab C, et al. (2019) Ascorbate modulates the hypoxic pathway by increasing intracellular activity of the HIF hydroxylases in renal cell carcinoma cells. *Hypoxia (Auckland, N.Z.)*, 7, 17.

Tosatto A, et al. (2016) The mitochondrial calcium uniporter regulates breast cancer progression via HIF-1 α . *EMBO molecular medicine*, 8(5), 569.

Liu N, et al. (2016) MicroRNA-101 targets von Hippel-Lindau tumor suppressor (VHL) to induce HIF1 α mediated apoptosis and cell cycle arrest in normoxia condition. *Scientific reports*, 6, 20489.

Yang J, et al. (2015) Estrogen receptor- α directly regulates the hypoxia-inducible factor 1 pathway associated with antiestrogen response in breast cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 112(49), 15172.

Mak P, et al. (2013) Estrogen receptor α sustains epithelial differentiation by regulating prolyl hydroxylase 2 transcription. *Proceedings of the National Academy of Sciences of the United States of America*, 110(12), 4708.

Gomes AP, et al. (2013) Declining NAD⁺ induces a pseudohypoxic state disrupting nuclear-mitochondrial communication during aging. *Cell*, 155(7), 1624.

Gardner S, et al. (2012) Defining Akt actions in muscle differentiation. *American journal of physiology. Cell physiology*, 303(12), C1292.

Trisciuglio D, et al. (2010) Bcl-2 regulates HIF-1 α protein stabilization in hypoxic melanoma cells via the molecular chaperone HSP90. *PLoS one*, 5(7), e11772.