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-? via an NF-?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?. EMBO molecular medicine, 8(5), 569.

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

Yang J, et al. (2015) Estrogen receptor-? 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 ? 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.

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