

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

HA-Foxo1 (pCMV5)

RRID:Addgene_12142

Type: Plasmid

Proper Citation

RRID:Addgene_12142

Plasmid Information

URL: <http://www.addgene.org/12142>

Proper Citation: RRID:Addgene_12142

Insert Name: Foxo1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11696581](#)

Vector Backbone Description: Backbone Size:4657; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid contains K219R and L619P polymorphisms, which are not known to affect function.

Plasmid Name: HA-Foxo1 (pCMV5)

Relevant Mutation: Wild-type

Record Creation Time: 20220422T221635+0000

Record Last Update: 20260905T074601+0000

Ratings and Alerts

No rating or validation information has been found for HA-Foxo1 (pCMV5).

No alerts have been found for HA-Foxo1 (pCMV5).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Cho HM, et al. (2018) Repression of Transcriptional Activity of Forkhead Box O1 by Histone Deacetylase Inhibitors Ameliorates Hyperglycemia in Type 2 Diabetic Rats. International journal of molecular sciences, 19(11).

Alissafi T, et al. (2017) Tregs restrain dendritic cell autophagy to ameliorate autoimmunity. The Journal of clinical investigation, 127(7), 2789.

Malik S, et al. (2017) Transcription factor Foxo1 is essential for IL-9 induction in T helper cells. Nature communications, 8(1), 815.

Kong D, et al. (2016) Insulin-like growth factor 1 rescues R28 retinal neurons from apoptotic death through ERK-mediated BimEL phosphorylation independent of Akt. Experimental eye research, 151, 82.

Tinkum KL, et al. (2013) Forkhead box O1 (FOXO1) protein, but not p53, contributes to robust induction of p21 expression in fasted mice. The Journal of biological chemistry, 288(39), 27999.