

Resource Summary Report

Generated by [kravitz2](#) on Aug 12, 2026

pSELECT-HA-mFOXO1

RRID:Addgene_83308

Type: Plasmid

Proper Citation

RRID:Addgene_83308

Plasmid Information

URL: <http://www.addgene.org/83308>

Proper Citation: RRID:Addgene_83308

Insert Name: FoxO1

Organism: Mus musculus

Bacterial Resistance: None

Defining Citation: [PMID:27511131](#)

Vector Backbone Description: Backbone Marker:Invivogen; Backbone Size:3390; Vector Backbone:pSELECT-puro; Vector Types:Mammalian Expression; Bacterial Resistance:None

Comments: To construct pSELECT-HA-mFOXO1 the coding sequence of HA tag and FOXO1 were amplified from pCMV-HA-FOXO1 by PCR. The PCR product was digested with NheI and SalI restriction enzymes and inserted into the NheI and SalI sites of pSELECT-puro. The insert was sequenced and compared to mouse FOXO1 (NM_019739.3). Sequence identity was confirmed except for a conservative A->G mutation at base 474, a non-conservative A->G mutation at base 1121 and a non-conservative mutation T->C mutation at base 2321 of NM_019739.3. These mutations were confirmed to exist in the original pCMV-HA-FOXO1 plasmid. The non-conservative mutations result in a K->R substitution at amino acid 219 and a L->P substitution at amino acid 619 of mFOXO1 (NP_062713.2). Mutations at bases 1121 and 2321 were reversed to wild type by site-directed mutagenesis and the corrections were confirmed by sequencing

Plasmid Name: pSELECT-HA-mFOXO1

Record Creation Time: 20220422T222539+0000

Record Last Update: 20260808T082248+0000

Ratings and Alerts

No rating or validation information has been found for pSELECT-HA-mFOXO1.

No alerts have been found for pSELECT-HA-mFOXO1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wang X, et al. (2021) CircRNA hsa_circ_0110102 inhibited macrophage activation and hepatocellular carcinoma progression via miR-580-5p/PPAR γ /CCL2 pathway. Aging, 13(8), 11969.