

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pIRESneo-FLAG/HA Ago2

RRID:Addgene_10821

Type: Plasmid

Proper Citation

RRID:Addgene_10821

Plasmid Information

URL: <http://www.addgene.org/10821>

Proper Citation: RRID:Addgene_10821

Insert Name: Argonaute 2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15260970](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:5313; Vector Backbone:pIRESneo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: A small insertion in the 5'UTR should not affect the expressed peptide.

Plasmid Name: pIRESneo-FLAG/HA Ago2

Relevant Mutation: R668H. Additionally, N terminus different from wild-type - Initial 18 nucleotides of the wild-type sequence were replaced with alternate 21 nucleotides. No difference in activity observed.

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260815T080118+0000

Ratings and Alerts

No rating or validation information has been found for pIRESneo-FLAG/HA Ago2.

No alerts have been found for pIRESneo-FLAG/HA Ago2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Hoang VT, et al. (2020) ERK5 Is Required for Tumor Growth and Maintenance Through Regulation of the Extracellular Matrix in Triple Negative Breast Cancer. *Frontiers in oncology*, 10, 1164.

Conger AK, et al. (2016) Argonaute 2 Expression Correlates with a Luminal B Breast Cancer Subtype and Induces Estrogen Receptor Alpha Isoform Variation. *Non-coding RNA*, 2(3).

Müller C, et al. (2015) Oligodendroglial Argonaute protein Ago2 associates with molecules of the Mbp mRNA localization machinery and is a downstream target of Fyn kinase. *Frontiers in cellular neuroscience*, 9, 328.

Noman MZ, et al. (2012) Hypoxia-inducible miR-210 regulates the susceptibility of tumor cells to lysis by cytotoxic T cells. *Cancer research*, 72(18), 4629.