Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

pIRESneo-FLAG/HA Ago4

RRID:Addgene_10824
Type: Plasmid

Proper Citation

RRID:Addgene_10824

Plasmid Information

URL: http://www.addgene.org/10824

Proper Citation: RRID:Addgene_10824

Insert Name: Argonaute 4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:15260970

Vector Backbone Description: Backbone Size:5310; 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 Ago4

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260808T080406+0000

Ratings and Alerts

No rating or validation information has been found for pIRESneo-FLAG/HA Ago4.

No alerts have been found for pIRESneo-FLAG/HA Ago4.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Ohno SI, et al. (2022) Nuclear microRNAs release paused Pol II via the DDX21-CDK9 complex. Cell reports, 39(2), 110673.

Shin E, et al. (2020) An alternative miRISC targets a cancer-associated coding sequence mutation in FOXL2. The EMBO journal, 39(24), e104719.

Adiliaghdam F, et al. (2020) A Requirement for Argonaute 4 in Mammalian Antiviral Defense. Cell reports, 30(6), 1690.

Sheu-Gruttadauria J, et al. (2019) Structural Basis for Target-Directed MicroRNA Degradation. Molecular cell, 75(6), 1243.

Sun G, et al. (2018) Differences in silencing of mismatched targets by sliced versus diced siRNAs. Nucleic acids research, 46(13), 6806.

Harwig A, et al. (2017) Analysis of AgoshRNA maturation and loading into Ago2. PloS one, 12(8), e0183269.

Yi T, et al. (2015) eIF1A augments Ago2-mediated Dicer-independent miRNA biogenesis and RNA interference. Nature communications, 6, 7194.

Valdmanis PN, et al. (2012) Expression determinants of mammalian argonaute proteins in mediating gene silencing. Nucleic acids research, 40(8), 3704.

Janas MM, et al. (2012) Alternative RISC assembly: binding and repression of microRNA-mRNA duplexes by human Ago proteins. RNA (New York, N.Y.), 18(11), 2041.

Chu Y, et al. (2010) Involvement of argonaute proteins in gene silencing and activation by RNAs complementary to a non-coding transcript at the progesterone receptor promoter. Nucleic acids research, 38(21), 7736.

Grimm D, et al. (2010) Argonaute proteins are key determinants of RNAi efficacy, toxicity, and persistence in the adult mouse liver. The Journal of clinical investigation, 120(9), 3106.