

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

IRE1 alpha KA-pcDNA3.EGFP

RRID:Addgene_13010

Type: Plasmid

Proper Citation

RRID:Addgene_13010

Plasmid Information

URL: <http://www.addgene.org/13010>

Proper Citation: RRID:Addgene_13010

Insert Name: Inositol Requiring Enzyme-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16950141](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pcDNA3-EGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: IRE1 alpha KA-pcDNA3.EGFP

Relevant Mutation: R4L, K599A

Record Creation Time: 20220422T221723+0000

Record Last Update: 20260808T080738+0000

Ratings and Alerts

No rating or validation information has been found for IRE1 alpha KA-pcDNA3.EGFP.

No alerts have been found for IRE1 alpha KA-pcDNA3.EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wang G, et al. (2024) MicroRNA-322 overexpression reduces neural tube defects in diabetic pregnancies. American journal of obstetrics and gynecology, 230(2), 254.e1.

Su A, et al. (2017) Opposite Roles of RNase and Kinase Activities of Inositol-Requiring Enzyme 1 (IRE1) on HSV-1 Replication. Viruses, 9(9).

Takayanagi S, et al. (2013) Gene regulatory network of unfolded protein response genes in endoplasmic reticulum stress. Cell stress & chaperones, 18(1), 11.