

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

IRE1b(K536A).9E10.pCDNA3

RRID:Addgene_21881

Type: Plasmid

Proper Citation

RRID:Addgene_21881

Plasmid Information

URL: <http://www.addgene.org/21881>

Proper Citation: RRID:Addgene_21881

Insert Name: IRE1b

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Addgene sequencing results show an additional mutation in the coding region, causing L850P substitution in the amino acid sequence. Mouse IRE1b, K536A, 9E10-tagged at C-term, assembled from lambda-phage clones 37 and 26, in pCDNA3. The K->A mutation introduces a second MSc1 site into the plasmid at position 2578.

Plasmid Name: IRE1b(K536A).9E10.pCDNA3

Relevant Mutation: K536A

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260801T081022+0000

Ratings and Alerts

No rating or validation information has been found for IRE1b(K536A).9E10.pCDNA3.

No alerts have been found for IRE1b(K536A).9E10.pCDNA3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.