

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

RCAS IκB alpha M

RRID:Addgene_12407

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/12407>

Proper Citation: RRID:Addgene_12407

Insert Name: IκB alpha M

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:11500; Vector Backbone:RCAS; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: RCAS IκB alpha M

Relevant Mutation: Dominant-negative mutant. Many signal transduction pathways resulting in NF-κB activation culminate in a serine phosphorylation of IκB on residues 32 and 36. Phosphorylation of the COOH-terminal PEST sequence has been implicated in constitutive turnover of IκB. We combined the NH2- and COOH-terminal phosphorylation mutants into a single cDNA for this plasmid.

Record Creation Time: 20220422T221650+0000

Record Last Update: 20260815T080402+0000

Ratings and Alerts

No rating or validation information has been found for RCAS IκB alpha M.

No alerts have been found for RCAS IκB alpha M.

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 [RRID](#) .

Nugues AL, et al. (2014) RIP3 is downregulated in human myeloid leukemia cells and modulates apoptosis and caspase-mediated p65/RelA cleavage. Cell death & disease, 5(8), e1384.