

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pCDNA3 Flag MKK4(ala)

RRID:Addgene_15314

Type: Plasmid

Proper Citation

RRID:Addgene_15314

Plasmid Information

URL: <http://www.addgene.org/15314>

Proper Citation: RRID:Addgene_15314

Insert Name: MKK4(ala)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:7618106](#)

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

Plasmid Name: pCDNA3 Flag MKK4(ala)

Relevant Mutation: Ser-220Ala Thr-224Ala

Record Creation Time: 20220422T221838+0000

Record Last Update: 20260815T080736+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA3 Flag MKK4(ala).

No alerts have been found for pCDNA3 Flag MKK4(ala).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lawan A, et al. (2015) Hepatic mitogen-activated protein kinase phosphatase 1 selectively regulates glucose metabolism and energy homeostasis. *Molecular and cellular biology*, 35(1), 26.

Sanalkumar R, et al. (2010) ATF2 maintains a subset of neural progenitors through CBF1/Notch independent Hes-1 expression and synergistically activates the expression of Hes-1 in Notch-dependent neural progenitors. *Journal of neurochemistry*, 113(4), 807.