

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCDNA3-Flag MKK6

RRID:Addgene_13517

Type: Plasmid

Proper Citation

RRID:Addgene_13517

Plasmid Information

URL: <http://www.addgene.org/13517>

Proper Citation: RRID:Addgene_13517

Insert Name: MKK6

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8622669](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pCDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCDNA3-Flag MKK6

Record Creation Time: 20220422T221745+0000

Record Last Update: 20260725T073849+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA3-Flag MKK6.

No alerts have been found for pCDNA3-Flag MKK6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Sellers J, et al. (2021) Fasting-Induced Upregulation of MKP-1 Modulates the Hepatic Response to Feeding. *Nutrients*, 13(11).

Rahman SMT, et al. (2020) Optical control of MAP kinase kinase 6 (MKK6) reveals that it has divergent roles in pro-apoptotic and anti-proliferative signaling. *The Journal of biological chemistry*, 295(25), 8494.

Yu JX, et al. (2019) Phenotype-Based Screens with Conformation-Specific Inhibitors Reveal p38 Gamma and Delta as Targets for HCC Polypharmacology. *Molecular cancer therapeutics*, 18(9), 1506.

Basken J, et al. (2018) Specificity of Phosphorylation Responses to Mitogen Activated Protein (MAP) Kinase Pathway Inhibitors in Melanoma Cells. *Molecular & cellular proteomics : MCP*, 17(4), 550.

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.

Liu J, et al. (2014) F-box only protein 31 (FBXO31) negatively regulates p38 mitogen-activated protein kinase (MAPK) signaling by mediating lysine 48-linked ubiquitination and degradation of mitogen-activated protein kinase kinase 6 (MKK6). *The Journal of biological chemistry*, 289(31), 21508.

Ahn YH, et al. (2009) MKK4/SEK1 is negatively regulated through a feedback loop involving the E3 ubiquitin ligase itch. *The Journal of biological chemistry*, 284(43), 29399.