

# Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

## pCDNA3-Flag MKK6(glu)

RRID:Addgene\_13518

Type: Plasmid

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### Proper Citation

RRID:Addgene\_13518

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### Plasmid Information

**URL:** <http://www.addgene.org/13518>

**Proper Citation:** RRID:Addgene\_13518

**Insert Name:** MKK6(glu)

**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(glu)

**Relevant Mutation:** Ser-207Glu Thr-211Glu

**Record Creation Time:** 20220422T221745+0000

**Record Last Update:** 20260829T075546+0000

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### Ratings and Alerts

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

No alerts have been found for pCDNA3-Flag MKK6(glu).

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Sala-Gaston J, et al. (2024) Autophagy dysregulation via the USP20-ULK1 axis in the HERC2-related neurodevelopmental disorder. *Cell death discovery*, 10(1), 163.

Wang J, et al. (2024) Cholinergic signaling via muscarinic M1 receptor confers resistance to docetaxel in prostate cancer. *Cell reports. Medicine*, 5(2), 101388.

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

Nordgaard C, et al. (2021) Regulation of the Golgi Apparatus by p38 and JNK Kinases during Cellular Stress Responses. *International journal of molecular sciences*, 22(17).

Kang JW, et al. (2020) Myeloid Cell Expression of LACC1 Is Required for Bacterial Clearance and Control of Intestinal Inflammation. *Gastroenterology*, 159(3), 1051.

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.

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.

Hori T, et al. (2018) Nuclear Receptor CAR Suppresses GADD45B-p38 MAPK Signaling to Promote Phenobarbital-induced Proliferation in Mouse Liver. *Molecular cancer research : MCR*, 16(8), 1309.

Tamamura Y, et al. (2017) Irx3 and Bmp2 regulate mouse mesenchymal cell chondrogenic differentiation in both a Sox9-dependent and -independent manner. *Journal of cellular physiology*, 232(12), 3317.

Shah M, et al. (2017) Profiling Subcellular Protein Phosphatase Responses to Coxsackievirus B3 Infection of Cardiomyocytes. *Molecular & cellular proteomics : MCP*, 16(4 suppl 1), S244.

Adam AP, et al. (2016) Src Family Kinases Modulate the Loss of Endothelial Barrier Function in Response to TNF- $\alpha$ : Crosstalk with p38 Signaling. *PloS one*, 11(9), e0161975.

Hedl M, et al. (2016) IRF5 and IRF5 Disease-Risk Variants Increase Glycolysis and Human M1 Macrophage Polarization by Regulating Proximal Signaling and Akt2 Activation. *Cell reports*, 16(9), 2442.

Liu X, et al. (2016) BMP7 retards peripheral myelination by activating p38 MAPK in Schwann cells. *Scientific reports*, 6, 31049.

Cook PR, et al. (2016) Deciphering fact from artifact when using reporter assays to investigate the roles of host factors on L1 retrotransposition. *Mobile DNA*, 7, 23.

Zheng S, et al. (2015) TAM receptor-dependent regulation of SOCS3 and MAPKs contributes to proinflammatory cytokine downregulation following chronic NOD2 stimulation of human macrophages. *Journal of immunology (Baltimore, Md. : 1950)*, 194(4), 1928.

Li L, et al. (2015) p38 MAP kinase-dependent phosphorylation of the Gp78 E3 ubiquitin ligase controls ER-mitochondria association and mitochondria motility. *Molecular biology of the cell*, 26(21), 3828.

Woeller CF, et al. (2015) Salinomycin and other polyether ionophores are a new class of antiscarring agent. *The Journal of biological chemistry*, 290(6), 3563.

Li L, et al. (2015) P38/MAPK contributes to endothelial barrier dysfunction via MAP4 phosphorylation-dependent microtubule disassembly in inflammation-induced acute lung injury. *Scientific reports*, 5, 8895.

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.

Medgyesi D, et al. (2014) The protein tyrosine phosphatase PTP1B is a negative regulator of CD40 and BAFF-R signaling and controls B cell autoimmunity. *The Journal of experimental medicine*, 211(3), 427.