Resource Summary Report

Generated by RRID on Sep 1, 2026

pCDNA3-Flag MKK6(glu)

RRID:Addgene_13518
Type: Plasmid

Proper Citation

RRID:Addgene_13518

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

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).

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 .

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

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.

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.

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

Adam AP, et al. (2016) Src Family Kinases Modulate the Loss of Endothelial Barrier Function in Response to TNF-??: 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.

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.

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 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.

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.

Hedl M, et al. (2014) The IL18RAP region disease polymorphism decreases IL-18RAP/IL-18R1/IL-1R1 expression and signaling through innate receptor-initiated pathways. Journal of immunology (Baltimore, Md. : 1950), 192(12), 5924.