

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pMCL-HA-MAPKK1-11A55B \[S218E/S222D\]](#)

RRID:Addgene_40809

Type: Plasmid

Proper Citation

RRID:Addgene_40809

Plasmid Information

URL: <http://www.addgene.org/40809>

Proper Citation: RRID:Addgene_40809

Insert Name: MAP2K1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8052857](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:10200; Vector Backbone:pCEP4; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pMCL-HA-MAPKK1-11A55B [S218E/S222D]

Relevant Mutation: S218E, S222D

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081439+0000

Ratings and Alerts

No rating or validation information has been found for pMCL-HA-MAPKK1-11A55B [S218E/S222D].

No alerts have been found for pMCL-HA-MAPKK1-11A55B [S218E/S222D].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dacheux MA, et al. (2025) BRAFV600E-Driven Lung Tumorigenesis Requires Ligand-Mediated Activation of ERBB Receptor Signaling. bioRxiv : the preprint server for biology.

Greaves SA, et al. (2018) Activation of the MEK-ERK Pathway Is Necessary but Not Sufficient for Breaking Central B Cell Tolerance. Frontiers in immunology, 9, 707.

Huang H, et al. (2014) Extracellular signal-regulated kinase activation during cardiac hypertrophy reduces sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (SERCA2) transcription. Journal of molecular and cellular cardiology, 75, 58.