

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

pCDFDuet-1 MKK4(EE)-MKK7a1(EE)

RRID:Addgene_47580

Type: Plasmid

Proper Citation

RRID:Addgene_47580

Plasmid Information

URL: <http://www.addgene.org/47580>

Proper Citation: RRID:Addgene_47580

Insert Name: MKK4-EE

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:23233447](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:3781; Vector Backbone:pCDFDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Plasmid Name: pCDFDuet-1 MKK4(EE)-MKK7a1(EE)

Relevant Mutation: Lacks the first 36 residues of the RefSeq protein. Ser257 to Glu, Thr261 to Glu

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260829T080609+0000

Ratings and Alerts

No rating or validation information has been found for pCDFDuet-1 MKK4(EE)-MKK7a1(EE).

No alerts have been found for pCDFDuet-1 MKK4(EE)-MKK7a1(EE).

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](#) .

Solone XKV, et al. (2022) MAP kinases differentially bind and phosphorylate NOS3 via two unique NOS3 sites. FEBS open bio, 12(5), 1075.

Botero S, et al. (2019) Escherichia coli as a platform for the study of phosphoinositide biology. Science advances, 5(3), eaat4872.