

Resource Summary Report

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

pJ3H-Mst2 K56R

RRID:Addgene_12206

Type: Plasmid

Proper Citation

RRID:Addgene_12206

Plasmid Information

URL: <http://www.addgene.org/12206>

Proper Citation: RRID:Addgene_12206

Insert Name: Mst2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8702870](#)

Vector Backbone Description: Backbone Size:3500; Vector Backbone:pJ3H; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Addgene's QC finds additional E303D and T342M substitutions which are not known to affect function

Plasmid Name: pJ3H-Mst2 K56R

Relevant Mutation: Catalytically inactive: K56R

Record Creation Time: 20220422T221639+0000

Record Last Update: 20260829T075329+0000

Ratings and Alerts

No rating or validation information has been found for pJ3H-Mst2 K56R.

No alerts have been found for pJ3H-Mst2 K56R.

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](#) .

Morgan EL, et al. (2020) MicroRNA-18a targeting of the STK4/MST1 tumour suppressor is necessary for transformation in HPV positive cervical cancer. PLoS pathogens, 16(6), e1008624.

Zi M, et al. (2014) The mammalian Ste20-like kinase 2 (Mst2) modulates stress-induced cardiac hypertrophy. The Journal of biological chemistry, 289(35), 24275.