

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pDONR223_MAPK1_WT

RRID:Addgene_82145

Type: Plasmid

Proper Citation

RRID:Addgene_82145

Plasmid Information

URL: <http://www.addgene.org/82145>

Proper Citation: RRID:Addgene_82145

Insert Name: MAPK1

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27147599](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2790; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: Closed state: stop codon immediately follows insert Supporting reference: Systematic morphological profiling of human gene and allele function via Cell Painting. Rohban MH, et al. Elife. 2017, Mar 18;6. pii: e24060. PubMed PMID 28315521

Plasmid Name: pDONR223_MAPK1_WT

Relevant Mutation: WT

Record Creation Time: 20220422T222533+0000

Record Last Update: 20260815T082053+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_MAPK1_WT.

No alerts have been found for pDONR223_MAPK1_WT.

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](#) .

Azizi SA, et al. (2023) Regulation of ERK2 activity by dynamic S-acylation. Cell reports, 42(9), 113135.

Zhang T, et al. (2022) Interrogating Kinase-Substrate Relationships with Proximity Labeling and Phosphorylation Enrichment. Journal of proteome research, 21(2), 494.