

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pDONR223_KRAS_WT

RRID:Addgene_81751

Type: Plasmid

Proper Citation

RRID:Addgene_81751

Plasmid Information

URL: <http://www.addgene.org/81751>

Proper Citation: RRID:Addgene_81751

Insert Name: KRAS

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

Plasmid Name: pDONR223_KRAS_WT

Relevant Mutation: WT

Record Creation Time: 20220422T222532+0000

Record Last Update: 20260815T082050+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_KRAS_WT.

No alerts have been found for pDONR223_KRAS_WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhang JZ, et al. (2026) De novo design of Ras isoform selective binders. Cell chemical biology, 33(3), 396.

Zhang JZ, et al. (2025) De novo design of Ras isoform selective binders. bioRxiv : the preprint server for biology.

Ivanisevic T, et al. (2025) Intrinsic resistance to RAS inhibitors is driven by dysregulation of KRAS degradation. Nature communications, 17(1), 411.

Chen PY, et al. (2023) Structural and functional analyses of a germline KRAS T50I mutation provide insights into Raf activation. JCI insight, 8(17).

Vichas A, et al. (2021) Integrative oncogene-dependency mapping identifies RIT1 vulnerabilities and synergies in lung cancer. Nature communications, 12(1), 4789.