

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

Tip alpha K102A/K104A (21-192)

RRID:Addgene_23159

Type: Plasmid

Proper Citation

RRID:Addgene_23159

Plasmid Information

URL: <http://www.addgene.org/23159>

Proper Citation: RRID:Addgene_23159

Insert Name: TNF-??-inducing protein

Organism: Helicobacter pylori

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19596016](#)

Vector Backbone Description: Backbone Size:5368; Vector Backbone:pET28b(+);
Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Tip alpha K102A/K104A (21-192)

Relevant Mutation: changed lysine 102 and lysine 104 to alanine, and deleted amino acids 1-20

Record Creation Time: 20220422T222103+0000

Record Last Update: 20260725T074439+0000

Ratings and Alerts

No rating or validation information has been found for Tip alpha K102A/K104A (21-192).

No alerts have been found for Tip alpha K102A/K104A (21-192).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.