Resource Summary Report

Generated by NIF on Sep 16, 2026

TRIPZ-bioGEF-SUMO1nc-PURO

RRID:Addgene_208042
Type: Plasmid

Proper Citation

RRID:Addgene_208042

Plasmid Information

URL: http://www.addgene.org/208042

Proper Citation: RRID:Addgene_208042

Insert Name: SUMO1nc

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:37996419

Vector Backbone Description: Backbone Marker:Open Biosystems; Vector Backbone:TRIPZ; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Lentiviral packaging of TRIPZ is more efficient with TAT expression (e.g using pcDNA1-TatHIV Addgene ID: 138478) and 2nd generation gag/pol/env combination (e.g. using PSPAX2 Addgene ID: 12260 and pMD2.G Addgene ID: 12259); Use of bioGEF-UBwt may be necessary for certain E3 ligases (e.g. NEDD4 HECT ligase); Use of "non-cleavable" versions may reduce recycling of biotinylated UB and may lead to higher yields of biotinylated protein for proteomic analysis, but induction times should be minimized to avoid toxicity.

Plasmid Name: TRIPZ-bioGEF-SUMO1nc-PURO

Relevant Mutation: Q94P Mutation near C-terminus suppresses cleavage by SENPs/DUBs

Record Creation Time: 20231201T080532+0000

Record Last Update: 20260912T093938+0000

Ratings and Alerts

No rating or validation information has been found for TRIPZ-bioGEF-SUMO1nc-PURO.

No alerts have been found for TRIPZ-bioGEF-SUMO1nc-PURO.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.