Resource Summary Report

Generated by RRID on Aug 22, 2026

pET29b(+)_SUMO(1-98)_sTEV_His6

RRID:Addgene_254139
Type: Plasmid

Proper Citation

RRID:Addgene_254139

Plasmid Information

URL: http://www.addgene.org/254139

Proper Citation: RRID:Addgene_254139

Insert Name: SUMO family protein SMT3

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Kanamycin

Defining Citation: PMID:41927759

Vector Backbone Description: Backbone Size:5228; Vector Backbone:pET29b(+); Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid contains a SUMO protein construct to serve as a control protein for binding experiments using the AH-SUMO platform, to verify non-interaction between the SUMO domain and liposomes of choice. It contains the SUMO1-98 region of the SMT3_yeast gene, followed by a Cysteine, a TEV site and a hexa-histidine site. On the N-terminal of the SUMO domain, it contains a region encoding for MGSGS, which is there to mimic the structure of a AH-SUMO platform that contains an N-terminal peptide of interest , serving as a better control. Please visit https://doi.org/10.1101/2025.05.12.653516 for the bioRxiv preprint.

Plasmid Name: pET29b(+)_SUMO(1-98)_sTEV_His6

Relevant Mutation: Contains MGSGS sequence on N-terminal of SMT3_yeast SUMO(1-98) gene. Gene is followed by a Cysteine, a TEV site and a hexahistidine tag.

Record Creation Time: 20260506T052605+0000

Record Last Update: 20260815T083546+0000

Ratings and Alerts

No rating or validation information has been found for pET29b(+)_SUMO(1-98)_sTEV_His6.

No alerts have been found for pET29b(+)_SUMO(1-98)_sTEV_His6.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.