

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

pLEX_970_puro_DEST_V5_TLOC1 (220aa)

RRID:Addgene_45287

Type: Plasmid

Proper Citation

RRID:Addgene_45287

Plasmid Information

URL: <http://www.addgene.org/45287>

Proper Citation: RRID:Addgene_45287

Insert Name: TLOC1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23764425](#)

Vector Backbone Description: Vector Backbone:pLEX_970; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The initial pDONR223 clone was obtained from the CCSB Human Orfeome Collection. Upon sequencing it was found that the construct contained a 660 bp long variant as compared to the expected 1200 bp long version. To determine whether this shorter version is expressed in cancer cells, and to exclude the possibility of this being a cloning artifact, we cloned TLOC1 from T47D cells and found both forms to be expressed. We re-cloned both the full length and shorter splice variants by ligation of BP flanked PCR products into pDONR223 by a Gateway BP reaction. TLOC1 was transferred into DEST vectors from TLOC1 containing pDONR223 vectors through a Gateway LR reaction.

Plasmid Name: pLEX_970_puro_DEST_V5_TLOC1 (220aa)

Record Creation Time: 20220422T222233+0000

Record Last Update: 20260815T081522+0000

Ratings and Alerts

No rating or validation information has been found for pLEX_970_puro_DEST_V5_TLOC1 (220aa).

No alerts have been found for pLEX_970_puro_DEST_V5_TLOC1 (220aa).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.