

# Resource Summary Report

Generated by [RRID](#) on Aug 19, 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 CCBSB 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).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.