

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

LIC1B_Caspase-LOVN7C-7 C450A

RRID:Addgene_104628

Type: Plasmid

Proper Citation

RRID:Addgene_104628

Plasmid Information

URL: <http://www.addgene.org/104628>

Proper Citation: RRID:Addgene_104628

Insert Name: Caspase-3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28893998](#)

Vector Backbone Description: Backbone Marker:Scott Gradia (Addgene plasmid # 29653); Vector Backbone:pET His6 TEV LIC cloning vector; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Please note that during Addgene's quality control process 2 mismatches were found in lacI which result in mutations S219F and Q311P. LOV2 domain was inserted into the intersubunit linker of the caspase, with linker variation N7C-7 and mutation C450A, which is a dark-locked and light-insensitive mutation

Plasmid Name: LIC1B_Caspase-LOVN7C-7 C450A

Relevant Mutation: C450A (dark-locked and light-insensitive mutation)

Record Creation Time: 20220422T221507+0000

Record Last Update: 20260725T073409+0000

Ratings and Alerts

No rating or validation information has been found for LIC1B_Caspase-LOVN7C-7 C450A.

No alerts have been found for LIC1B_Caspase-LOVN7C-7 C450A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.