

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pTYB1-pLAC-I73S

RRID:Addgene_48722

Type: Plasmid

Proper Citation

RRID:Addgene_48722

Plasmid Information

URL: <http://www.addgene.org/48722>

Proper Citation: RRID:Addgene_48722

Insert Name: Lacritin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23640897](#)

Vector Backbone Description: Backbone Marker:New England BioLabs, INC; Backbone Size:7477; Vector Backbone:pTYB1; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please note that amino acid numbering of this plasmid is relative to amino acid #20 in GenBank reference sequence NP_150593.1. E20 in the reference sequence is considered the first amino acid of lacritin in this plasmid.

Plasmid Name: pTYB1-pLAC-I73S

Relevant Mutation: Isoleucine 73 to Serine

Record Creation Time: 20220422T222251+0000

Record Last Update: 20260902T045600+0000

Ratings and Alerts

No rating or validation information has been found for pTYB1-pLAC-I73S.

No alerts have been found for pTYB1-pLAC-I73S.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.