

Resource Summary Report

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

pTXB1-EXO1b D173A

RRID:Addgene_68269

Type: Plasmid

Proper Citation

RRID:Addgene_68269

Plasmid Information

URL: <http://www.addgene.org/68269>

Proper Citation: RRID:Addgene_68269

Insert Name: EXO1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21052091](#)

Vector Backbone Description: Backbone Marker:NEB; Backbone Size:6700; Vector Backbone:pTXB1; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Use BL21 cells for protein production. EXO1b K589 was point-mutated to E, since this is the sequence described at UniProt (entry Q9UQ84). EXO1b also contains the following natural variants that were not corrected: H354>R E670>G R723>C

Plasmid Name: pTXB1-EXO1b D173A

Relevant Mutation: catalytically-dead D173A. Please see depositor comments below

Record Creation Time: 20220422T222425+0000

Record Last Update: 20260902T050006+0000

Ratings and Alerts

No rating or validation information has been found for pTXB1-EXO1b D173A.

No alerts have been found for pTXB1-EXO1b D173A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.