

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

pKP372

RRID:Addgene_167593

Type: Plasmid

Proper Citation

RRID:Addgene_167593

Plasmid Information

URL: <http://www.addgene.org/167593>

Proper Citation: RRID:Addgene_167593

Insert Name: tonB fs

Organism: Escherichia coli

Bacterial Resistance: Chloramphenicol

Vector Backbone Description: Vector Backbone:pACYC184; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: The frame-shift of the TonB amphipathic helix was produced by deletion of bp 607 (G) and insertion of a new bp (T) following position 636 of the subsequent tonB open reading frame. Please note that some Genbank listings and Snapgene's ORF recognition software may add additional amino acids to the TonB ORF. Postle and Skare, 1988, PMID: 2839513 demonstrated that the first two Met residues of the open reading frame are not translated and that TonB starts with the third ATG codon. The mutations listed above are numbered based on the functional starting codon.

Plasmid Name: pKP372

Relevant Mutation: tonB with frameshift of amphipathic helix

Record Creation Time: 20220422T221942+0000

Record Last Update: 20260815T080945+0000

Ratings and Alerts

No rating or validation information has been found for pKP372.

No alerts have been found for pKP372.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.