

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

pTPTP alpha (Y789F)

RRID:Addgene_17693

Type: Plasmid

Proper Citation

RRID:Addgene_17693

Plasmid Information

URL: <http://www.addgene.org/17693>

Proper Citation: RRID:Addgene_17693

Insert Name: PTPalpha Y789F

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10698938](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5178; Vector Backbone:pTet-splice; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: PTPalpha(Y789F)-HA was generated using pXJ41PTPalpha as a template with the 5' primer 5'-CGCCAAGCTTGGCCACCATGGATTCCTGGTTCATTCTTGT-3' and the 3' primer 5'-TGTC AAGCTTCATGCGTAGTCTGGCACGTCGTATGGGTACTTGAAGTTGGCAAAATCTGA-3'. The substitution ATA->AAA results in a Tyr789->Phe substitution. HindIII-cleaved PCR products were ligated into pTet-Splice. The plasmid contains a CMV promoter under control of regulatory sequences from the tet operon such that, when cotransfected with the transactivator pTet-tTAk, it expresses protein only in the absence of doxycycline.

Plasmid Name: pTPTP alpha (Y789F)

Relevant Mutation: Y789F

Record Creation Time: 20220422T222021+0000

Record Last Update: 20260815T081102+0000

Ratings and Alerts

No rating or validation information has been found for pTPTP alpha (Y789F).

No alerts have been found for pTPTP alpha (Y789F).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.