

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pcDNA3.1(+)-TTF-1-HDD

RRID:Addgene_52063

Type: Plasmid

Proper Citation

RRID:Addgene_52063

Plasmid Information

URL: <http://www.addgene.org/52063>

Proper Citation: RRID:Addgene_52063

Insert Name: Thyroid Transcription Factor 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22761434](#)

Vector Backbone Description: Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: When compared to GenBank reference sequence NP_003308.1, amino acids 171-221 were deleted to create this mutant. See the insert sequence provided by the depositing laboratory for the mutant TTF-1 protein sequence.

Plasmid Name: pcDNA3.1(+)-TTF-1-HDD

Relevant Mutation: Homeodomain deleted

Record Creation Time: 20220422T222305+0000

Record Last Update: 20260808T081809+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1(+)-TTF-1-HDD.

No alerts have been found for pcDNA3.1(+)-TTF-1-HDD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Guo W, et al. (2016) The MicroRNA 29 Family Promotes Type II Cell Differentiation in Developing Lung. Molecular and cellular biology, 36(16), 2141.

Xu B, et al. (2016) Adipogenic Differentiation of Thyroid Cancer Cells Through the Pax8-PPAR γ Fusion Protein Is Regulated by Thyroid Transcription Factor 1 (TTF-1). The Journal of biological chemistry, 291(37), 19274.