

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pENTR-GFI1

RRID:Addgene_16168

Type: Plasmid

Proper Citation

RRID:Addgene_16168

Plasmid Information

URL: <http://www.addgene.org/16168>

Proper Citation: RRID:Addgene_16168

Insert Name: Growth factor independent 1

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:16713569](#)

Vector Backbone Description: Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Mammalian Expression; Bacterial Resistance:Spectinomycin

Comments: Full-length human cDNAs were amplified using PCR primers and cloned into the pDONR223 "Donor" vector using the Gateway system as described (Rual et al., 2004), resulting in "Entry" clones. Reverse primers do not include stop codons. Forward primer: 5'-GGGGACAACCTTTGTACAAAAAAGTTGGC ATGCCGCGCTCATTTCTCGT-3'. Reverse primer: 5'-GGGGACAACCTTTGTACAAGAAAGTTGG TTTGAGCCCATGCTGCGTCT-3'. There is a P->L mutation in the second amino acid. The depositing lab is aware of this and do not believe it affects the function of the protein.

Plasmid Name: pENTR-GFI1

Record Creation Time: 20220422T221915+0000

Record Last Update: 20260725T074129+0000

Ratings and Alerts

No rating or validation information has been found for pENTR-GFI1.

No alerts have been found for pENTR-GFI1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Chen MS, et al. (2019) Growth Factor-Independent 1 Is a Tumor Suppressor Gene in Colorectal Cancer. Molecular cancer research : MCR, 17(3), 697.

Vinyard ME, et al. (2019) CRISPR-suppressor scanning reveals a nonenzymatic role of LSD1 in AML. Nature chemical biology, 15(5), 529.

Keightley MC, et al. (2017) The Pu.1 target gene Zbtb11 regulates neutrophil development through its integrase-like HHCC zinc finger. Nature communications, 8, 14911.