

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

pBudORF1-CH

RRID:Addgene_51290

Type: Plasmid

Proper Citation

RRID:Addgene_51290

Plasmid Information

URL: <http://www.addgene.org/51290>

Proper Citation: RRID:Addgene_51290

Insert Name: L1 ORF1

Organism: Homo sapiens

Bacterial Resistance: Bleocin (Zeocin)

Defining Citation: [PMID:22918960](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4595; Vector Backbone:pBudCE4.1; Vector Types:Mammalian Expression; Bacterial Resistance:Bleocin (Zeocin)

Comments: Although a myc tag is present in the full sequence, this tag is not present in this plasmid. pBudORF1-CH was generated by cloning the polymerase chain reaction (PCR)-amplified codon-optimized consensus sequences of each ORF into the HindIII-BamHI sites of the pBudCE4.1 vector in a manner that removes the stop codon of the ORF1, so the expressed protein will contain the his tag at the carboxy terminus. The following primers were used in the amplification of ORF1: 5-AGACCCAAGCTTAGCTAAAACCACAAAGATG-3' and 5-TGTTCGGATCCGATCTTGGTGTGCTTCTGCAGGGG-3'

Plasmid Name: pBudORF1-CH

Record Creation Time: 20220422T222302+0000

Record Last Update: 20260815T081612+0000

Ratings and Alerts

No rating or validation information has been found for pBudORF1-CH.

No alerts have been found for pBudORF1-CH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pavlová Š, et al. (2025) Hypomethylating agents increase L1 retroelement expression without inducing novel insertions in myeloid malignancies. Molecular oncology, 19(10), 2764.