

Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

pUB2.1

RRID:Addgene_40728

Type: Plasmid

Proper Citation

RRID:Addgene_40728

Plasmid Information

URL: <http://www.addgene.org/40728>

Proper Citation: RRID:Addgene_40728

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5488;
Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial
Resistance:Chloramphenicol and Ampicillin

Comments: Please note that the hygromycin cassette in this plasmid is non-functional.
See provided protocol for high-throughput, ligation-independent cloning using this plasmid.

Plasmid Name: pUB2.1

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081438+0000

Ratings and Alerts

No rating or validation information has been found for pUB2.1.

No alerts have been found for pUB2.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Soteriou C, et al. (2025) Two cooperative lipid binding sites within the pleckstrin homology domain are necessary for AKT binding and stabilization to the plasma membrane. Structure (London, England : 1993), 33(1), 181.

Barnett LM, et al. (2017) Deciphering the molecular mechanism responsible for GCaMP6m's Ca²⁺-dependent change in fluorescence. PloS one, 12(2), e0170934.

Sung U, et al. (2015) Developing Fast Fluorescent Protein Voltage Sensors by Optimizing FRET Interactions. PloS one, 10(11), e0141585.

Paj?cka K, et al. (2014) Glutamate dehydrogenase isoforms with N-terminal (His)6- or FLAG-tag retain their kinetic properties and cellular localization. Neurochemical research, 39(3), 487.

Wu J, et al. (2013) Improved orange and red Ca²⁺ indicators and photophysical considerations for optogenetic applications. ACS chemical neuroscience, 4(6), 963.