

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 6, 2026

pENTR-A1Up

RRID:Addgene_16170

Type: Plasmid

Proper Citation

RRID:Addgene_16170

Plasmid Information

URL: <http://www.addgene.org/16170>

Proper Citation: RRID:Addgene_16170

Insert Name: Ubiquilin 4

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 ATGGCGGAGCCGAGCGG-3'. Reverse primer: 5'-GGGGACAACCTTTGTACAAGAAAGTTGG GGAGAGCTGGGAGCCCAG-3'.

Plasmid Name: pENTR-A1Up

Record Creation Time: 20220422T221915+0000

Record Last Update: 20260905T075051+0000

Ratings and Alerts

No rating or validation information has been found for pENTR-A1Up.

No alerts have been found for pENTR-A1Up.

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 [SPARC SAWG](#) .

Mohan HM, et al. (2022) RTL8 promotes nuclear localization of UBQLN2 to subnuclear compartments associated with protein quality control. Cellular and molecular life sciences : CMLS, 79(3), 176.

Gerson JE, et al. (2022) Disrupting the Balance of Protein Quality Control Protein UBQLN2 Accelerates Tau Proteinopathy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(9), 1845.

Gerson JE, et al. (2021) Shared and divergent phase separation and aggregation properties of brain-expressed ubiquilins. Scientific reports, 11(1), 287.