

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pENTR1A-Huwe1 C4341S

RRID:Addgene_37432

Type: Plasmid

Proper Citation

RRID:Addgene_37432

Plasmid Information

URL: <http://www.addgene.org/37432>

Proper Citation: RRID:Addgene_37432

Insert Name: Huwe1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2717; Vector Backbone:pENTR1A; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Comments: Full-length cDNA constructed by sequential cloning of PCR products and adding to a partial cDNA. The ORF sequence provided contains Q2315H and 3016del3031 amino acid mutations compared to closest reference sequence NP_113584.3).

Plasmid Name: pENTR1A-Huwe1 C4341S

Relevant Mutation: C4341S

Record Creation Time: 20220422T222158+0000

Record Last Update: 20260815T081415+0000

Ratings and Alerts

No rating or validation information has been found for pENTR1A-Huwe1 C4341S.

No alerts have been found for pENTR1A-Huwe1 C4341S.

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 [RRID](#) .

Ikeda T, et al. (2025) HUWE1 stimulates mTORC1 activity by enhancing Rheb interaction with mTORC1 and supports de novo pyrimidine synthesis. Cell reports, 44(10), 116382.