

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro

RRID:Addgene_60909

Type: Plasmid

Proper Citation

RRID:Addgene_60909

Plasmid Information

URL: <http://www.addgene.org/60909>

Proper Citation: RRID:Addgene_60909

Insert Name: K560-E236A

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25307933](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA4TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: For more information, visit <https://valelab4.ucsf.edu/external/research/suntag.html>

Plasmid Name: pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081737+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro.

No alerts have been found for pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro.

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](#) .

Renganathan B, et al. (2025) Vimentin filament transport and organization revealed by single-particle tracking and 3D FIB-SEM. The Journal of cell biology, 224(4).

Bracey KM, et al. (2025) Glucose-stimulated KIF5B-driven microtubule sliding organizes microtubule networks in mouse pancreatic ?? cells. eLife, 12.

Renganathan B, et al. (2024) Transport and Organization of Individual Vimentin Filaments Within Dense Networks Revealed by Single Particle Tracking and 3D FIB-SEM. bioRxiv : the preprint server for biology.

Bracey KM, et al. (2023) Glucose-stimulated KIF5B-driven microtubule sliding organizes microtubule networks in pancreatic beta cells. bioRxiv : the preprint server for biology.

Baron DM, et al. (2022) ALS-associated KIF5A mutations abolish autoinhibition resulting in a toxic gain of function. Cell reports, 39(1), 110598.