

Resource Summary Report

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

pcDNA3.2/v5-DEST hGlut4

RRID:Addgene_18087

Type: Plasmid

Proper Citation

RRID:Addgene_18087

Plasmid Information

URL: <http://www.addgene.org/18087>

Proper Citation: RRID:Addgene_18087

Insert Name: Glut4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20354141](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pcDNA3.2/V5-DEST; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.2/v5-DEST hGlut4

Record Creation Time: 20220422T222035+0000

Record Last Update: 20260815T081128+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.2/v5-DEST hGlut4.

No alerts have been found for pcDNA3.2/v5-DEST hGlut4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kim S, et al. (2024) TXNIP-mediated crosstalk between oxidative stress and glucose metabolism. PloS one, 19(2), e0292655.

Jung JW, et al. (2022) Liver-originated small extracellular vesicles with TM4SF5 target brown adipose tissue for homeostatic glucose clearance. Journal of extracellular vesicles, 11(9), e12262.

Dunn DM, et al. (2021) Human Cytomegalovirus Induces the Expression of the AMPKa2 Subunit to Drive Glycolytic Activation and Support Productive Viral Infection. Journal of virology, 95(5).

Chen Y, et al. (2019) Dynamic instability of clathrin assembly provides proofreading control for endocytosis. The Journal of cell biology, 218(10), 3200.

Deng G, et al. (2019) Anti-edema and antioxidant combination therapy for ischemic stroke via glyburide-loaded betulinic acid nanoparticles. Theranostics, 9(23), 6991.

Yang Y, et al. (2017) Clathrin Assembly Defines the Onset and Geometry of Cortical Patterning. Developmental cell, 43(4), 507.