

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

mEmerald-Cx32-7

RRID:Addgene_54054

Type: Plasmid

Proper Citation

RRID:Addgene_54054

Plasmid Information

URL: <http://www.addgene.org/54054>

Proper Citation: RRID:Addgene_54054

Insert Name: Cx32

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21536677](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Human Beta-1 Connexin 32. Excitation = 487; Emission = 509. Localization data: Gap Junctions

Plasmid Name: mEmerald-Cx32-7

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260725T074836+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Cx32-7.

No alerts have been found for mEmerald-Cx32-7.

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 [NIF](#) .

Chen Z, et al. (2020) Connexin32 ameliorates renal fibrosis in diabetic mice by promoting K48-linked NADPH oxidase 4 polyubiquitination and degradation. British journal of pharmacology, 177(1), 145.

Bazzoun D, et al. (2019) Connexin 43 maintains tissue polarity and regulates mitotic spindle orientation in the breast epithelium. Journal of cell science, 132(10).

Trehan A, et al. (2014) CANDLES, an assay for monitoring GPCR induced cAMP generation in cell cultures. Cell communication and signaling : CCS, 12, 70.