

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[hIR-GFP](#)

RRID:Addgene_22286

Type: Plasmid

Proper Citation

RRID:Addgene_22286

Plasmid Information

URL: <http://www.addgene.org/22286>

Proper Citation: RRID:Addgene_22286

Insert Name: INSR insulin receptor

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17563366](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: hIR-GFP

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260829T080214+0000

Ratings and Alerts

No rating or validation information has been found for hIR-GFP.

No alerts have been found for hIR-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Khurshid S, et al. (2022) Splice-switching of the insulin receptor pre-mRNA alleviates tumorigenic hallmarks in rhabdomyosarcoma. NPJ precision oncology, 6(1), 1.

Wang K, et al. (2019) Apoptosis of cancer cells is triggered by selective crosslinking and inhibition of receptor tyrosine kinases. Communications biology, 2, 231.

Chan JY, et al. (2017) Targeting Insulin Receptor in Breast Cancer Using Small Engineered Protein Scaffolds. Molecular cancer therapeutics, 16(7), 1324.

Chawla B, et al. (2017) Absence of IQGAP1 Protein Leads to Insulin Resistance. The Journal of biological chemistry, 292(8), 3273.

Zhao N, et al. (2017) Apolipoprotein E4 Impairs Neuronal Insulin Signaling by Trapping Insulin Receptor in the Endosomes. Neuron, 96(1), 115.

Petersen MC, et al. (2016) Insulin receptor Thr1160 phosphorylation mediates lipid-induced hepatic insulin resistance. The Journal of clinical investigation, 126(11), 4361.

Chan JY, et al. (2016) Disruption of insulin receptor function inhibits proliferation in endocrine-resistant breast cancer cells. Oncogene, 35(32), 4235.

Nagarajan A, et al. (2016) MARCH1 regulates insulin sensitivity by controlling cell surface insulin receptor levels. Nature communications, 7, 12639.

Graewe S, et al. (2011) Hostile takeover by Plasmodium: reorganization of parasite and host cell membranes during liver stage egress. PLoS pathogens, 7(9), e1002224.