

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

R777-E111 Hs.IRS2

RRID:Addgene_70395
Type: Plasmid

Proper Citation

RRID:Addgene_70395

Plasmid Information

URL: <http://www.addgene.org/70395>

Proper Citation: RRID:Addgene_70395

Insert Name: IRS2

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Vector Backbone Description: Backbone Size:2693; Vector Backbone:pDonor-255;
Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: sequence codon optimized for cloning stability

Plasmid Name: R777-E111 Hs.IRS2

Record Creation Time: 20220422T222435+0000

Record Last Update: 20260829T080932+0000

Ratings and Alerts

No rating or validation information has been found for R777-E111 Hs.IRS2.

No alerts have been found for R777-E111 Hs.IRS2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kearney AL, et al. (2021) Akt phosphorylates insulin receptor substrate to limit PI3K-mediated PIP3 synthesis. eLife, 10.

Manohar S, et al. (2020) The Insulin Receptor Adaptor IRS2 is an APC/C Substrate That Promotes Cell Cycle Protein Expression and a Robust Spindle Assembly Checkpoint. Molecular & cellular proteomics : MCP, 19(9), 1450.