

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

pcDNA4 HisMax-V5-GFP-RRBP1

RRID:Addgene_92150

Type: Plasmid

Proper Citation

RRID:Addgene_92150

Plasmid Information

URL: <http://www.addgene.org/92150>

Proper Citation: RRID:Addgene_92150

Insert Name: RRBP1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28441135](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5300; Vector Backbone:pcDNA4 HisMax; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA4 HisMax-V5-GFP-RRBP1

Relevant Mutation: In RRBP1: N951S and T1329L. E1279 is also missing.

Record Creation Time: 20220422T222623+0000

Record Last Update: 20260902T050525+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA4 HisMax-V5-GFP-RRBP1.

No alerts have been found for pcDNA4 HisMax-V5-GFP-RRBP1.

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](#) .

Koppers M, et al. (2024) Axonal endoplasmic reticulum tubules control local translation via P180/RRBP1-mediated ribosome interactions. *Developmental cell*, 59(16), 2053.

Anitei M, et al. (2024) IER3IP1-mutations cause microcephaly by selective inhibition of ER-Golgi transport. *Cellular and molecular life sciences : CMLS*, 81(1), 334.

Harbauer AB, et al. (2022) Neuronal mitochondria transport Pink1 mRNA via synaptojanin 2 to support local mitophagy. *Neuron*, 110(9), 1516.

Shriwas O, et al. (2021) RRBP1 rewires cisplatin resistance in oral squamous cell carcinoma by regulating Hippo pathway. *British journal of cancer*, 124(12), 2004.

Özkan N, et al. (2021) ER - lysosome contacts at a pre-axonal region regulate axonal lysosome availability. *Nature communications*, 12(1), 4493.

Farías GG, et al. (2019) Feedback-Driven Mechanisms between Microtubules and the Endoplasmic Reticulum Instruct Neuronal Polarity. *Neuron*, 102(1), 184.