

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

CD40L-MIEG-hCD4 (hCD4-CD40L)

RRID:Addgene_40355

Type: Plasmid

Proper Citation

RRID:Addgene_40355

Plasmid Information

URL: <http://www.addgene.org/40355>

Proper Citation: RRID:Addgene_40355

Insert Name: CD40L

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19405121](#)

Vector Backbone Description: Backbone Marker:Addgene plasmid 40569; Vector Backbone:MIEG-hCD4; Vector Types:Retroviral; Bacterial Resistance:Ampicillin

Comments: The CD40-ligand (CD40L)-expressing retroviral vector was constructed by PCR amplification of cDNA from anti-CD3 activated mouse T cells with the following primers for CD40-ligand: sense 5'-CTTTCAGTCAGCATGATAGAAACA-3' and antisense 5'-TCAGAGTTTGAGTAAGCCAAAAGA-3'; these primers were used to amplify the complete coding region of mouse CD40 ligand. The CD40-ligand gene was then reamplified with primers containing XhoI and NotI sites and then cloned via XhoI and NotI sites into a retroviral vector expressing human CD4.

Plasmid Name: CD40L-MIEG-hCD4 (hCD4-CD40L)

Record Creation Time: 20220422T222210+0000

Record Last Update: 20260815T081435+0000

Ratings and Alerts

No rating or validation information has been found for CD40L-MIEG-hCD4 (hCD4-CD40L).

No alerts have been found for CD40L-MIEG-hCD4 (hCD4-CD40L).

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](#) .

Vacchio MS, et al. (2019) A Thpok-Directed Transcriptional Circuitry Promotes Bcl6 and Maf Expression to Orchestrate T Follicular Helper Differentiation. *Immunity*, 51(3), 465.

Morgado P, et al. (2014) Type II *Toxoplasma gondii* induction of CD40 on infected macrophages enhances interleukin-12 responses. *Infection and immunity*, 82(10), 4047.