

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 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).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.