

# Recombinant Human CD40L/CD154 Protein

Catalog No.: RP02040LQ **Recombinant**

## Sequence Information

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Species	Gene ID	Swiss Prot
Human	959	P29965

### Tags

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

### Synonyms

CD154; CD40L; HIGM1; IGM; IMD3; T-BAM; TNFSF5; TRAP; gp39; hCD40L

## Product Information

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Source	Purification
Mammalian	> 95% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

## Background

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CD40 ligand or CD40L, also called CD154, is a protein that is primarily expressed on activated T cells and is a member of the TNF superfamily of molecules. It binds to CD40 (protein) on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. In total CD40L has three binding partners: CD40, α5β1 integrin and α11β3. CD154 acts as a costimulatory molecule and is particularly important on a subset of T cells called T follicular helper cells.

## Basic Information

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### Description

### Bio-Activity

### Storage

This product is stable at ≤ -70° C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

## Contact

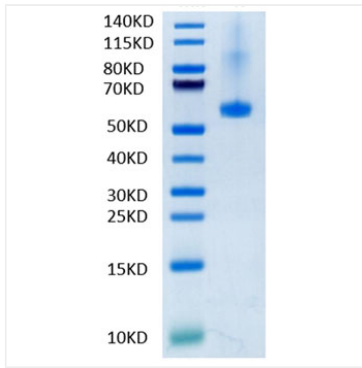
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## Validation Data

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Recombinant Human CD40L/CD154 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55 kDa.