



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

**CD40LG (Human) Recombinant Protein** HuPro®

Catalog # : H00000959-H01

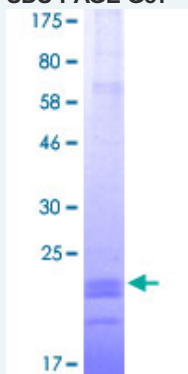
規格 : [ 25 ug ]

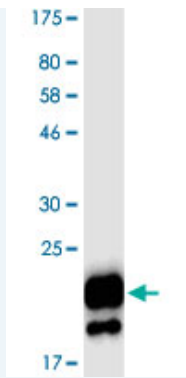
[List All](#)
**Specification**

<b>Product Description:</b>	Purified CD40LG (AAH74950.1, 116 a.a. - 261 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
<b>Transfected Cell Line:</b>	Human HEK293T cells
<b>Sequence:</b>	GDQNPQIAAHVISEASSKTTSVLQWAEKGYTMSNNLVTLENGKQLTVK RQGLYYIYAQVTFCSNREASSQAPFIASLCLKSPGRFERILLRAANTHSSA KPCGQQSIHLGGVFELQPGASVFNVTDPQVSHGTGFTSFGLLKL
<b>Host:</b>	Human
<b>Theoretical MW (kDa):</b>	21.34
<b>Form:</b>	Liquid
<b>Preparation Method:</b>	Transfection of pSuper-CD40LG plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
<b>Purification:</b>	<i>Strep</i> -Tactin affinity columns
<b>Concentration:</b>	≥ 10 ug/ml
<b>Activity:</b>	Not Tested

**Application Image**

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

**Quality Control Testing:** SDS-PAGE and Western Blot

**Western Blot**



**Storage Buffer:** 100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Datasheet:**  [Download](#)

## Applications

Western Blot

Enzyme-linked Immunoabsorbent Assay

SDS-PAGE

Protein Interaction

## Gene Information

**Entrez GeneID:** [959](#)

**GeneBank Accession#:** [BC074950.2](#)

**Protein Accession#:** [AAH74950.1](#)

**Gene Name:** CD40LG

**Gene Alias:** CD154,CD40L,HIGM1,IGM,IMD3,T-BAM,TNFSF5,TRAP,gp39,hCD40L

**Gene Description:** CD40 ligand

**Omim ID:** [300386](#), [308230](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome. [provided by RefSeq]

**Other Designations:** CD40 antigen ligand,OTTHUMP00000024130,T-B cell-activating molecule,TNF-related activation protein,tumor necrosis factor (ligand) superfamily member 5

## Gene Pathway

[Allograft rejection](#) [Asthma](#) [Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#)

[Cytokine-cytokine receptor interaction](#) [Primary immunodeficiency](#)  
[Systemic lupus erythematosus](#) [T cell receptor signaling pathway](#)

#### **Related Disease**

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[Alzheimer Disease](#) [Alzheimer disease](#) [Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#)  
[Atherosclerosis](#) [Atherosclerosis](#) [Bronchiolitis, Viral](#) [Calcinosis](#) [Cardiovascular Diseases](#)  
[Coronary Artery Disease](#) [Coronary Stenosis](#) [Diabetes Complications](#)  
[Diabetes Mellitus, Type 2](#) [Diabetic Angiopathies](#) [Disease Progression](#) [Drug Eruptions](#)  
[Edema](#) [Genetic Predisposition to Disease](#)

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