



# 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

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## Datasheet

### CD40LG (Human) Recombinant Protein

hyper-IgM syndrome. [provided by RefSeq]

**Catalog Number:** P9071

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CD40LG (P29965) recombinant protein expressed in *Escherichia coli*.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 16.3

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 97% by HPLC and SDS PAGE

**Activity:** The ED<sub>50</sub> as determined by the dose-dependant stimulation of IL-12 induction & IL-8 production by human PBMC was found to be 5-10 ng/mL.

**Storage Buffer:** Lyophilized from PBS, pH 7.0.

**Storage Instruction:** Store, frozen at -20°C for longer periods of time.  
For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).  
Avoid multiple freeze-thaw cycles.

**Entrez GeneID:** 959

**Gene Symbol:** CD40LG

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

**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