



# 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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**CD28 (Human) Recombinant Protein** HuPro®

Catalog # : H00000940-H01

規格 : [ 25 ug ]

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

<b>Product Description:</b>	Purified CD28 (NP_006130.1, 18 a.a. - 152 a.a.) human recombinant protein with His-Flag-Strepll tag at N-terminus expressed in human cells.
<b>Transfected Cell Line:</b>	Human HEK293T cells
<b>Sequence:</b>	GNKILVKQSPMLVAYDNAVNLSCKYSYNLFSREFRASLHKGLDSAVEVCV VYGNYSQQLQVYSKTGFNCDGKLGNESVTFYLQNLVYNQTDIYFCKIEV MYPPPYLDNEKSNGTIIHVKGKHLCPSPFLPGPSKP
<b>Host:</b>	Human
<b>Theoretical MW (kDa):</b>	20.13
<b>Form:</b>	Liquid
<b>Preparation Method:</b>	Transfection of pSuper-CD28 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**

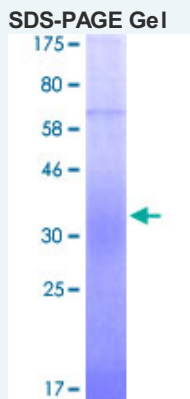
Western Blot

Enzyme-linked  
Immunoabsorbent Assay

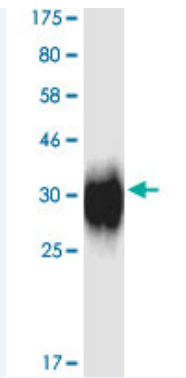
SDS-PAGE

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:** [940](#)

**GeneBank Accession#:** [NM\\_006139.3](#)

**Protein Accession#:** [NP\\_006130.1](#)

**Gene Name:** CD28

**Gene Alias:** MGC138290, Tp44

**Gene Description:** CD28 molecule

**Omim ID:** [186760](#)

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

**Gene Summary:** CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interleukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM]

**Other Designations:** CD28 antigen, CD28 antigen (Tp44), T-cell-specific surface glycoprotein

### Gene Pathway

[Allograft rejection](#) [Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#) [Graft-versus-host disease](#) [Systemic lupus erythematosus](#) [T cell receptor signaling pathway](#) [Type I diabetes mellitus](#)

## Related Disease

[Acute Disease](#) [Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#) [Behcet Syndrome](#) [Bronchiolitis, Viral](#)  
[Carcinoma, Squamous Cell](#) [Celiac Disease](#) [Cholangitis, Sclerosing](#) [Colon cancer](#)  
[Colorectal Neoplasms](#) [Diabetes Mellitus, Type 1](#) [Disease Progression](#) [Drug Eruptions](#)  
[Genetic Predisposition to Disease](#) [Hematologic Diseases](#) [Hepatitis C](#) [Hodgkin Disease](#)  
[Hypersensitivity, Immediate](#)

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