



# 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

### CD27 (Human) Recombinant Protein

**Catalog Number:** P9677

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

**Product Description:** Human CD27 (P26842, 20 a.a. - 191 a.a.) partial recombinant protein with hlgG-His tag at C-terminus expressed in HEK293 cells.

**Sequence:**

ATPAPKSCPERHYWAQGKLCQMCPEPGTFLVKDCDQ  
HRKAAQCDPCIPGVSFSPDHHTRPHCESCRHCNSGLL  
VRNCTITANAECACRNGWQCRDKECTCDPLPNPSLT  
ARSSQALSPHPQPHTLPHYVSEMLEARTAGHMQLADP  
RQLPARTLSTHWPPQRSLSDFIRLEPKSCDKTHTC  
PPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVV  
DVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTY  
RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISK  
AKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS  
DIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTV  
DKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKH  
HHHHH

**Host:** Human

**Theoretical MW (kDa):** 46.2

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

**Form:** Liquid

**Preparation Method:** Mammalian cell (HEK293)  
expression system

**Purity:** > 95.0% by SDS-PAGE

**Activity:** The ED<sub>50</sub> is < 0.8 ug/mL was determined by  
binding ability in functional ELISA with Human CD27  
Ligand/TNFSF7.

**Recommend Usage:** Biological Activity  
SDS-PAGE

The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** In PBS pH 7.4 (10% glycerol)

**Storage Instruction:** Store at 2°C to 8°C for 2-4 week.  
For long term storage, aliquot and store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 939

**Gene Symbol:** CD27

**Gene Alias:** MGC20393, S152, T14, TNFRSF7, Tp55

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq]