



# 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

### CD40 (Human) Recombinant Protein

**Catalog Number:** P9085

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

**Product Description:** Human CD40 (P25942, 21 a.a. - 193 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in HEK293 cell.

**Sequence:**

EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTET  
ECLPCGESEFLDTWNRETHCHQHXYCDPNLGLRVQQ  
KGTSETDTICTCEEGWHCTSEACESCVLHRSCSPGFG  
VKQIATGVSDTICEPCPVGFFSNVSSAFEKCHPWTS  
ETKDLVVQQAGTNKTDVCGPQDRLRLEPKSCDKTHT  
CPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVV  
VDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNST  
YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS  
KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYP  
SDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLT  
VDKSRWQQGNVDFCSVMHEALHNHYTQKSLSLSPGK  
HHHHHH

**Host:** Human

**Theoretical MW (kDa):** 46.1

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

**Form:** Liquid

**Preparation Method:** HEK 293T cell expression system

**Purity:** > 95% by SDS-PAGE.

**Storage Buffer:** 10% glycerol and Phosphate-Buffered  
Saline (pH 7.4).

**Storage Instruction:** Store at -20°C. Aliquot the product  
after reconstitution to avoid repeated freezing/thawing  
cycles.

**Entrez GeneID:** 958

**Gene Symbol:** CD40

**Gene Alias:** Bp50, CDW40, MGC9013, TNFRSF5, p50

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. AT-hook transcription factor AKNA is reported to coordinately regulate the expression of this receptor and its ligand, which may be important for homotypic cell interactions. Adaptor protein TNFR2 interacts with this receptor and serves as a mediator of the signal transduction. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]