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


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# CD40 (Human) Recombinant Protein HuPro®

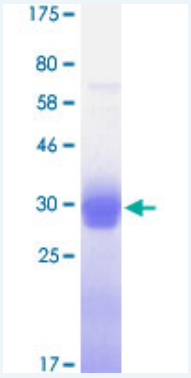
**Catalog # :** H00000958-H01 **規格 :** [ 25 ug ]

List All

## Specification

| | |
|---|---|
| **Product Description:** | Purified CD40 (AAH12419.1 , 21 a.a. - 193 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells. |
| **Transfected Cell Line:** | Human HEK293T cells |
| **Sequence:** | EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETECLPCGESEFLD TWNRETHCHQHKYCDPNLGLRVQQKGTSETDTICTCEEGWHCTSEACE SCVLHRSCSPGFGVKQIATGVSDTICEPCPVGFFSNVSSAFEKCHPWTS CETKDLVVQQAGTNKTDVVCGPQDRLR |
| **Host:** | Human |
| **Theoretical MW (kDa):** | 24.31 |
| **Form:** | Liquid |
| **Preparation Method:** | Transfection of pSuper-CD40 plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column. |
| **Purification:** | *Strep*-Tactin affinity columns |
| **Concentration:** | ≥ 10 ug/ml |
| **Activity:** | Not Tested |
| **Quality Control Testing:** | SDS-PAGE and Western Blot |

**SDS-PAGE Gel**




**Western Blot**

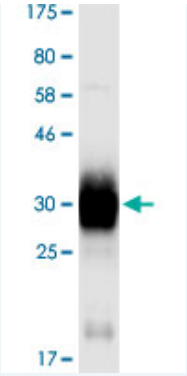
## Application Image

Western Blot

Enzyme-linked Immunoabsorbent Assay

SDS-PAGE

Protein Interaction




**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:** 958

**GeneBank Accession#:** BC012419.1

**Protein Accession#:** AAH12419.1

**Gene Name:** CD40

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

**Gene Description:** CD40 molecule, TNF receptor superfamily member 5

**Omim ID:** 109535, 606843

**Gene Ontology:** Hyperlink

**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

| | |
|---|---|
| **Other Designations:** | B cell surface antigen CD40,B cell-associated molecule,CD40 antigen,CD40 antigen (TNF receptor superfamily member 5),CD40 type II isoform,CD40L receptor,OTTHUMP00000031699,OTTHUMP00000031700,nerve growth factor receptor-related B-lymphocyte activation mol |

### Gene Pathway

Allograft rejection Asthma Autoimmune thyroid disease Cell adhesion molecules (CAMs) Cytokine-cytokine receptor interaction Primary immunodeficiency Systemic lupus erythematosus Toll-like receptor signaling pathway

### Related Disease

Arthritis, Juvenile Rheumatoid Arthritis, Rheumatoid Asthma Asthma Atherosclerosis Atherosclerosis Autoimmune Diseases Brain Ischemia Bronchiolitis, Viral Calcinosis Cardiovascular Diseases Colitis, Ulcerative Coronary Artery Disease Coronary Disease Crohn Disease Crohn's disease Diabetes Mellitus Diabetes Mellitus, Type 1 Diabetes Mellitus, Type 2

**... see more**

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