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- Trockeneiszuschlag
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- Expressversand

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CD40 (Human) Recombinant Protein HuPro®

Catalog # : H00000958-H02

規格 : [25 ug]

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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 HEK293H cells

Sequence:
 EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETETCLPCGESEFLD
 TWNRETHCHQHKYCDPNLGLRVQQKGTSETDTICTCEEGWHCTSEACE
 SCVLHRSCSPGFGVKQIATGVSDTICEPCPVGFFSNVSSAFEKCHPWTS
 CETKDLVQQAGTNKTDVVCGPQDRLR

Host: Human

Theoretical MW (kDa): 24.31

Form: Liquid

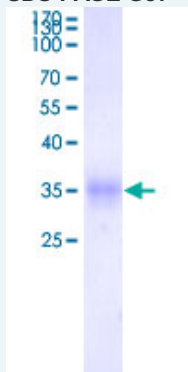
Preparation Method: Transfection of pSuper-CD40 plasmid into HEK293H cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

Purification: *Strep*-Tactin affinity columns

Concentration: ≥ 10 ug/ml

Activity: Not Tested

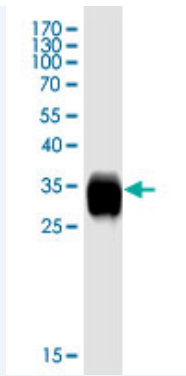
Quality Control Testing: SDS-PAGE and Western Blot



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 B cell surface antigen CD40,B cell-associated molecule,CD40
Designations: 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

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[Cytokine-cytokine receptor interaction](#) [Primary immunodeficiency](#)
[Systemic lupus erythematosus](#) [Toll-like receptor signaling pathway](#)

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