

Datasheet for ABIN7320972
CD40 Protein (CD40) (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD40
Origin:	Cynomolgus
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD40 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus CD40/TNFRSF5/CD40L Receptor Protein (Fc Tag)
Sequence:	Glu21-Arg193
Characteristics:	Recombinant Cynomolgus CD40 is produced by our Mammalian expression system and the target gene encoding Glu21-Arg193 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD40
Alternative Name:	CD40/TNFRSF5/CD40L Receptor (CD40 Products)
Background:	Background: CD40 is a Type I Transmembrane Glycoprotein that belongs to the TNF Receptor Superfamily. CD40 is expressed in B cells, follicular dendritic cells, dendritic cells, activated monocytes, macrophages, endothelial cells, vascular smooth muscle cells, and several tumor

Target Details

cell lines. The extracellular domain of CD40 is characterized by Cysteine rich repeat regions. Interaction of CD40 with its ligand (CD40L) leads to aggregation of CD40 Molecules, which in turn interact with cytoplasmic components to initiate signaling pathways. Several different TRAF proteins (adaptor proteins) have been identified to serves as mediators of the signal transduction.

Synonym: Tumor Necrosis Factor Receptor Superfamily member 5, B-Cell Surface Antigen CD40, Bp50, CD40L Receptor, CDw40, CD40, TNFRSF5

Molecular Weight: 46.3 kDa

UniProt: [G7PG38](#)

Pathways: [NF-kappaB Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [M Phase](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

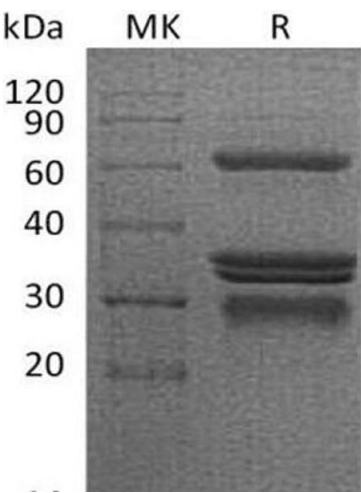
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 100 mM Glycine, pH 7.5.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.