

RP00698

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Recombinant Mouse TNFRSF5/CD40 Protein

Catalog No.: RP00698

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	21939	P27512

Tags

C-Fc

Synonyms

CD40;Bp50;CDW40;MGC9013;TNFRSF5;p50;CD40

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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 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 serve as mediators of the signal transduction. CD40 plays an essential role 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.

Basic Information

Description

Recombinant Mouse TNFRSF5/CD40 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Leu20-Arg193) of mouse TNFRSF5/CD40 (Accession #P27512) fused with an Fc tag at the C-terminus.

Bio-Activity

Storage

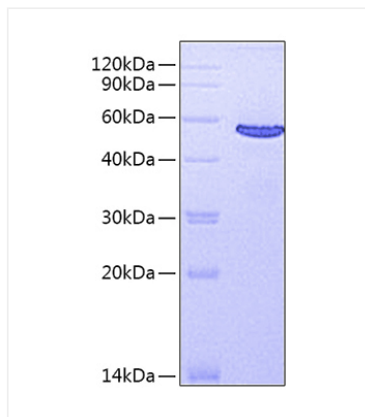
Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse TNFRSF5/CD40 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.