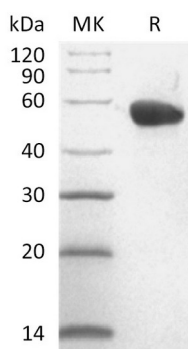


Summary

Name	CD40/TNFRSF5/CD40L receptor/Tumor Necrosis Factor Receptor Superfamily member 5/B-Cell Surface Antigen CD40/Bp50/CDw40
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Cynomolgus CD40 Molecule is produced by our Mammalian expression system and the target gene encoding Glu21-Arg193 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	XP_005569275.1
Host	Human Cells
Species	Cynomolgus
Predicted Molecular Mass	46.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50 mM Tris-HCl, 100 mM Glycine, pH 7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Product Name: Recombinant Cynomolgus CD40 (C-Fc)
Catalog #: PHV1971



Background

Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.