

# Recombinant Cynomolgus TNFRSF5/CD40 Protein

Catalog No.: RP02304 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus	102118696	G7PG38

### Tags

C-His

### Synonyms

CD40; CD40L receptor; TNFRSF5; B cell surface antigen CD40; B-cell surface antigen CD40; Bp50B cell-associated molecule; CD40 antigen; CD40 molecule; TNF receptor superfamily member 5; CD40 type II isoform; CDw40; MGC9013; nerve growth factor receptor-rela

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE; > 95% by SEC-HPLC

### Endotoxin

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

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

## Background

## Basic Information

### Description

Recombinant Cynomolgus CD40 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Glu21-Arg193) of Cynomolgus CD40 fused with His tag at the C-terminal.

### 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.

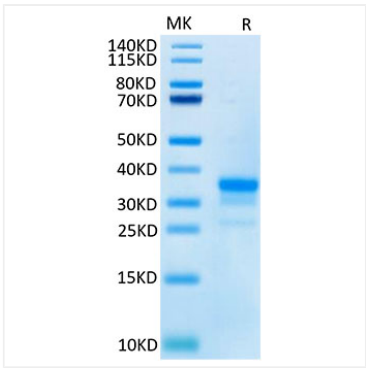
## Contact

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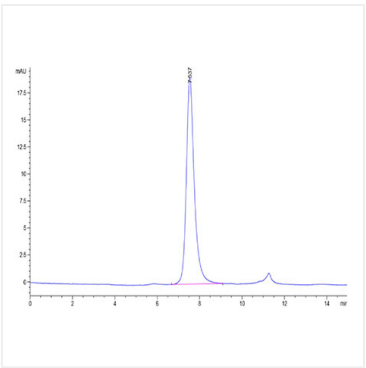
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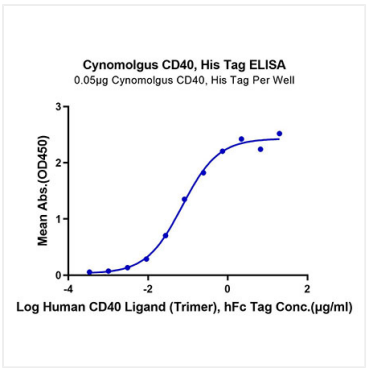
Validation Data



Cynomolgus CD40 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus CD40 is greater than 95% as determined by SEC-HPLC.



Immobilized Cynomolgus CD40, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD40 Ligand (Trimer) , hFc Tag with the EC<sub>50</sub> of 72.0ng/ml determined by ELISA.