

# 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-related B-lymphocyte activation molecule; p50; TNFRSF5CD40 antigen (TNF receptor superfamily member 5); tumor necrosis factor receptor superfamily member 5; tumor necrosis factor receptor superfamily; member 5; CD40

## Product Information

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

Calculated MW	Observed MW
20.3 kDa	30-40 kDa

### 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 free-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 at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. 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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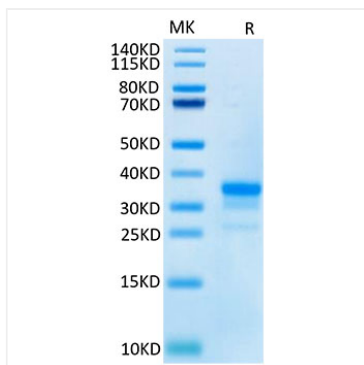
 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

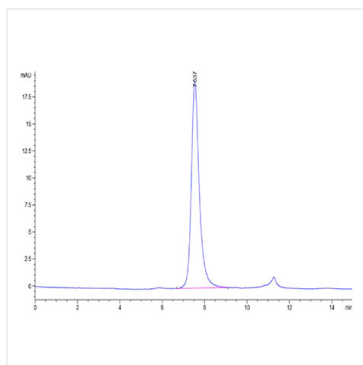
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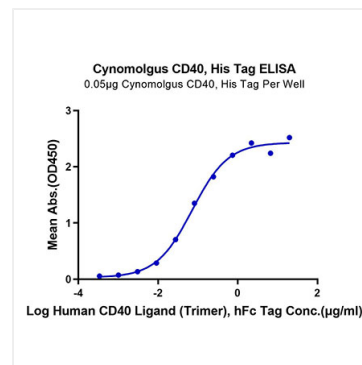
## Validation Data



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.