

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 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by 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 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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

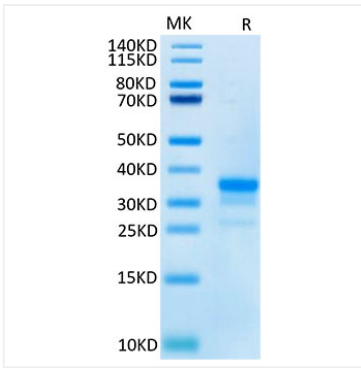
Storage

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.

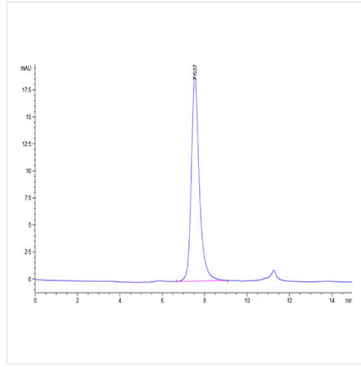
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

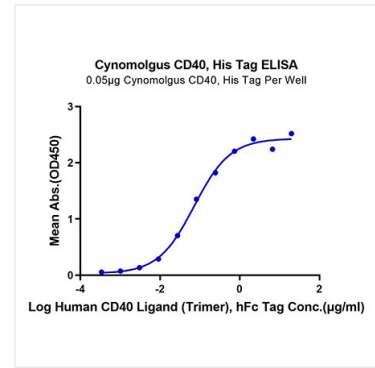
Validation Data



Recombinant Cynomolgus TNFRSF5/CD40 Protein was determined by Tris-Bis PAGE under reducing conditions.



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 EC₅₀ of 72.0ng/ml determined by ELISA.