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# Recombinant Human TNFRSF5/CD40 Protein

Catalog No.: RP01214 Recombinant

# **Sequence Information**

Species Gene ID Swiss Prot Human 958 P25942-1

#### **Tags**

C-His

#### **Synonyms**

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

# **Product Information**

**Source** Purification HEK293 cells ≥ 95 % as

determined by SDS-PAGE;≥95 % as determined by

HPLC.

Calculated MW Observed MW

20.00 kDa 30-35 kDa

#### **Endotoxin**

< 0.1 EU/ $\mu$ g of the protein by LAL method.

#### **Formulation**

Lyophilized from a 0.22  $\mu m$  filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

# Reconstitution

Centrifuge the vial 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

#### Contact

<u>a</u>	400-999-6126
$\times$	cn.market@abclonal.com.cn

# **Background**

#### **Basic Information**

#### **Description**

Recombinant Human TNFRSF5/CD40 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu21-Arg193) of human CD40/TNFRSF5 (Accession  $\#NP_001241.1$ ) fused with a  $6\times$ His tag at the C-terminus.

#### **Bio-Activity**

Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD40 at 500 ng/mL (100  $\mu$ L/well) can bind recombinant human CD40 Ligand [Biotinylated] with a linear range of 80-320 ng/mL.

### **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.

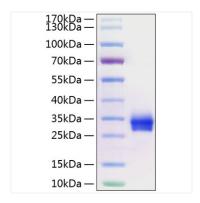
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

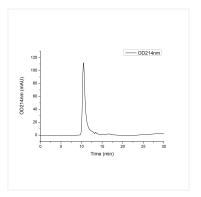
#### **Operational Notes**

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

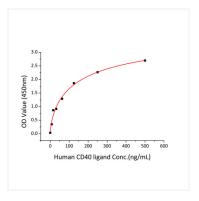
# **Validation Data**



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



The purity of human CD40/TNFRSF5 Protein (Cat.RP01214) was greater than 95% as determined by SEC-HPLC.



Immobilized recombinant human CD40 at 500ng/mL (100  $\mu$ L/well) can bind recombinant human CD40 Ligand [Biotinylated] with a linear range of 80-320 ng/mL.