Recombinant Human TNFRSF5/CD40 Protein

Catalog No.: RP01214

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Sequence Information

Species
Human

Gene ID
958

Swiss Prot
P25942-1

Tags
C-His

Synonyms
CD40,Bp50,CDW40,TNFRSF5,p50, Bp50, CDW40, TNFRSF5

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE;≥95 % as determined by HPLC.

Calculated MW
20.00 kDa

Observed MW
30-35 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm 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.

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×His tag at the C-terminus.

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

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

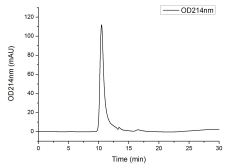
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

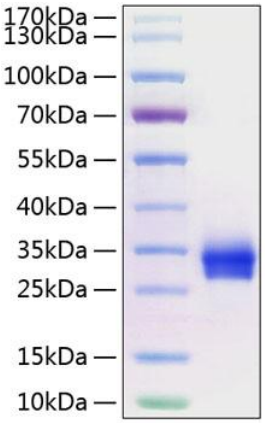
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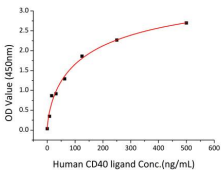
Validation Data



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



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



Immobilized recombinant human CD40 at 500ng/mL (100 µL/well) can bind recombinant human CD40 Ligand（Biotinylated） with a linear range of 80-320 ng /mL.