

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	> 97% by SDS-PAGE.

Calculated MW	Observed MW
20.00 kDa	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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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.

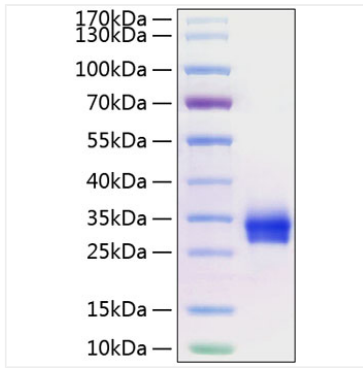
Bio-Activity

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.

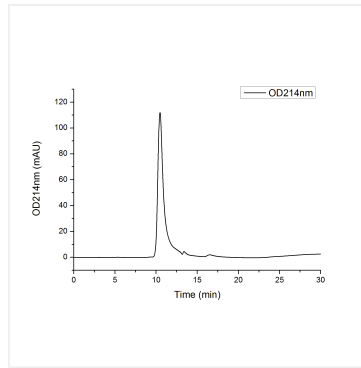
Storage

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.

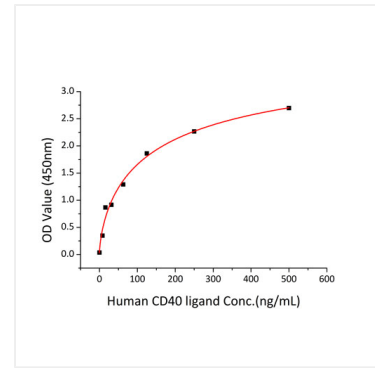
Validation Data



Recombinant Human TNFRSF5/CD40 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 30-35 kDa.



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 μ L/well) can bind recombinant human CD40 Ligand [Biotinylated] with a linear range of 80-320 ng/mL.