

RP01218

Leader in Biomolecular Solutions for Life Science



Recombinant Human TNFRSF5/CD40 Protein

Catalog No.: RP01218

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	958	P25942-1

Tags

C-hFc&His

Synonyms

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

Product Information

Source

HEK293 cells

Purification

≥ 95 % as
determined by
SDS-PAGE; ≥ 90 %
as determined by
HPLC.

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.

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 Fc, 6×His tag at
the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant
Human CD40 Ligand at 2 μg/mL (100 μL/well) can bind Recombinant Human
CD40 with a linear range of 224-898 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.

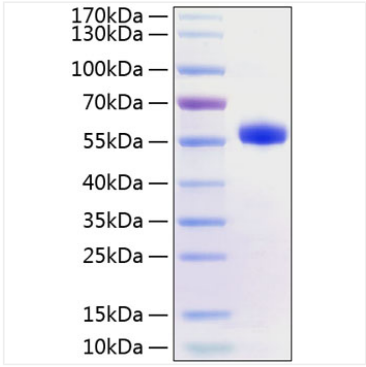
Contact



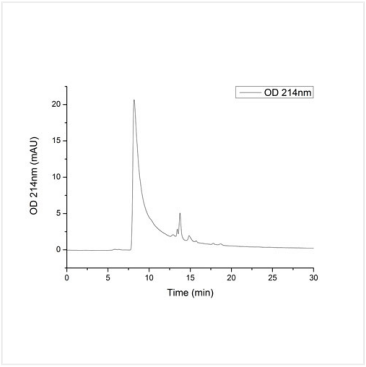
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

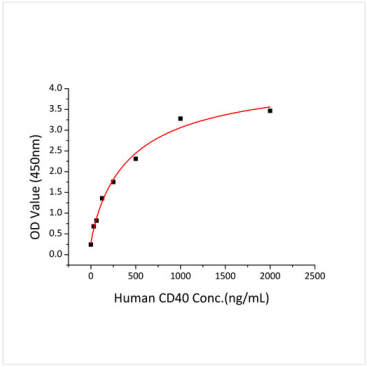
Validation Data



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



The purity of human CD40/TNFRSF5 Protein (Cat.RP01218) was greater than 90% as determined by SEC-HPLC.



Immobilized Recombinant Human CD40 Ligand at 2µg/mL (100 µL/well) can bind Recombinant Human CD40 with a linear range of 224-898 ng/mL.