

Recombinant Human TNFRSF8/CD30 Protein

Catalog No.: RP00106 **Recombinant**

Sequence Information

Species Human **Gene ID** 943 **Swiss Prot** P28908

Tags

C-His

Synonyms

CD30; D1S166E; Ki-1;TNFRSF8; CD30;
TNF receptor superfamily member
8;D1S166E;Ki-1

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Basic Information

Description

Recombinant Human TNFRSF8/CD30 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe19-Lys379) of human CD30/TNFRSF8 (Accession #NP_001234.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant Human CD30/TNFRSF8 at 2 µg/mL (100 µL/well) can bind recombinant Human CD30L with a linear range of 1.22-15.23 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.

Product Information

Source

HEK293 cells

Purification

≥ 95 % as
determined by SDS-
PAGE.

Calculated MW

39.26 kDa

Observed MW

65-85 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.

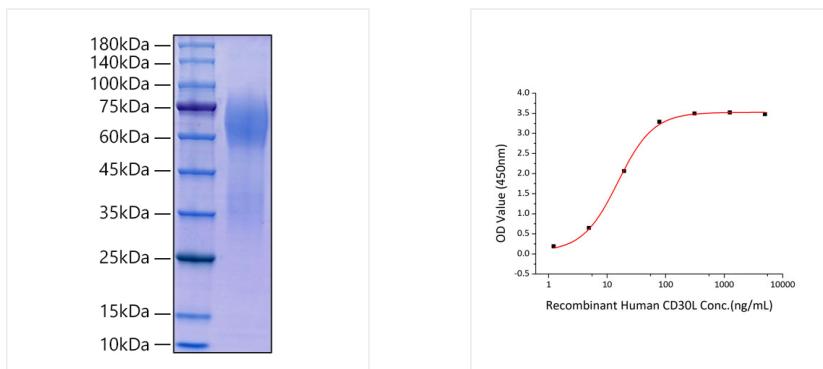
Reconstitution

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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Validation Data



Recombinant Human TNFRSF8/CD30 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

Immobilized recombinant Human CD30/TNFRSF8 at 2 μ g/mL (100 μ L/well) can bind recombinant Human CD30L with a linear range of 1.22-15.23ng/mL.