# Recombinant Human TNFRSF8/CD30 Protein

## Catalog No.: RP00106

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## 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

## 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 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

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.

**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**
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.

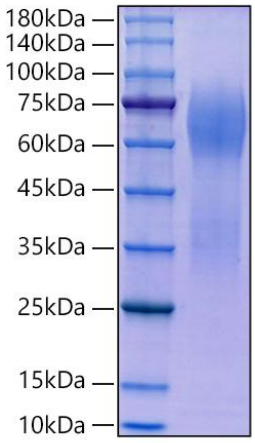
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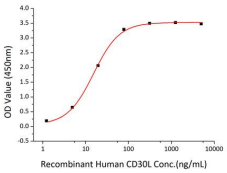


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## Validation Data




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




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