

RP00106

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# Recombinant Human TNFRSF8/CD30 Protein

Catalog No.: RP00106 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	943	P28908

### Tags

C-His

### Synonyms

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

## Product Information

Source	Purification
HEK293 cells	> 97% by SDS- PAGE.

### 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



[www.abclonal.com](http://www.abclonal.com)

## 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

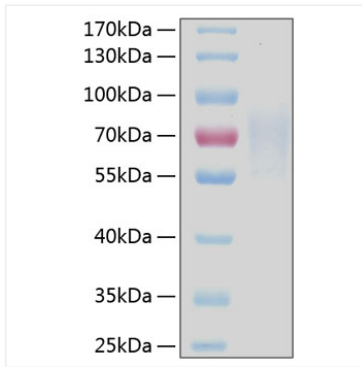
Measured by its binding ability in a functional ELISA. Immobilized recombinant Human CD30/TNFRSF8 at 2 μg/mL (100 μL/well) can bind recombinant Human CD30L with a linear range of 1.22-15.23 ng/mL.

### Storage

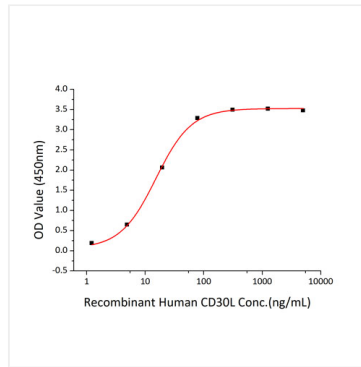
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human TNFRSF8/CD30 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 65-85 kDa.



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