

RP00363

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# Recombinant Human TNFRSF4/OX40/CD134 Protein

Catalog No.: RP00363 **Recombinant**

## Sequence Information

| Species      | Gene ID | Swiss Prot |
|--------------|---------|------------|
| HEK293 cells | 7293    | P43489     |

### Tags

C-His&Avi

### Synonyms

CD134; OX40; OX40L receptor;  
TNFRSF4; ACT-135; Ly-70; OX40  
homologue; TXGP1L; IMD16

## Product Information

### Source

HEK293 cells

### Purification

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

### Endotoxin

< 1 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from 0.22 μm filtered  
solution in PBS (pH 7.4). Normally 8%  
trehalose is added as protectant  
before lyophilization.

### 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

Tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), also known as CD134 and OX40 receptor. OX40 is a secondary co-stimulatory immune checkpoint molecule, expressed after 24 to 72 hours following activation; its ligand, OX40L, is also not expressed on resting antigen presenting cells, but is following their activation.

## Basic Information

### Description

Recombinant Human TNFRSF4/OX40/CD134 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu29-Ala216) of Human OX40/TNFRSF4/CD134 (Accession #P43489) fused with a C-His&Avi tag at the C-terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

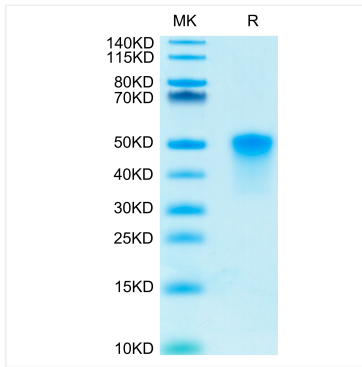
For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

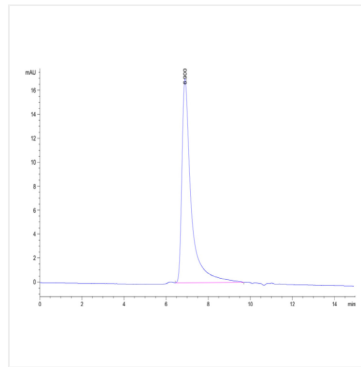
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

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

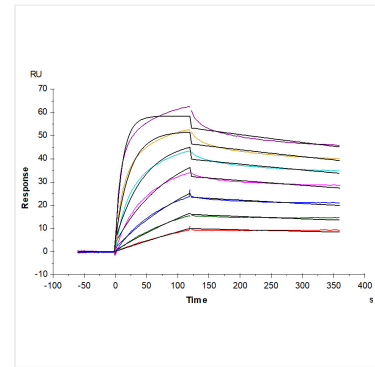
## Validation Data



Recombinant Human TNFRSF4/OX40/CD134 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human OX40 is greater than 95% as determined by SEC HPLC.



Human OX40, His-Avi Tag captured on CM5 Chip via Anti-His Antibody can bind Human OX40 Ligand, hFc Tag with an affinity constant of 4.17 nM as determined in SPR assay (Biacore T200).