

# Biotinylated Recombinant Human OX40/TNFRSF4/CD134 Protein

Catalog No.: RP00363B **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	7293	P43489

### Tags

C-His&Avi

### Synonyms

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

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE > 95% 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

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## 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

Biotinylated Recombinant Human OX40/TNFRSF4/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

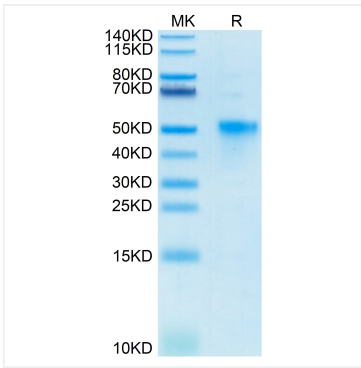
#### Storage

Store the lyophilized protein at -20°C to -80°C for 12 months.

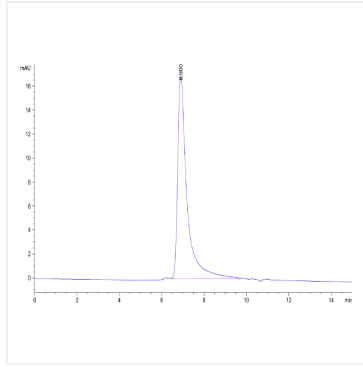
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

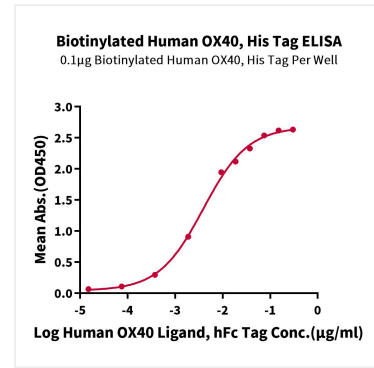
## Validation Data



Biotinylated Human OX40 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Biotinylated Human OX40, His Tag at 1 µg/mL (100 µL/well) on the streptavidin precoated plate (5 µg/mL). Dose response curve for Human OX40 Ligand, hFc Tag with the EC<sub>50</sub> of 3.9ng/mL determined by ELISA.