

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% 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.

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

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.

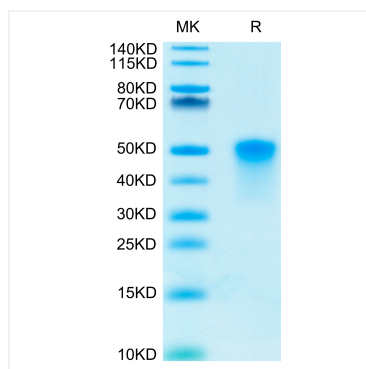
Contact



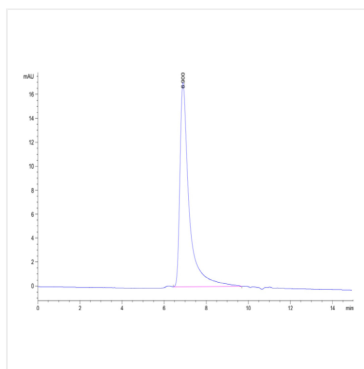
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

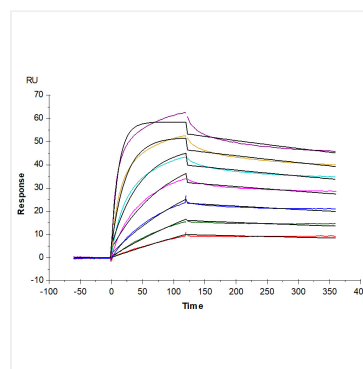
Validation Data



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



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).