

RP02062

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Recombinant Human TNFSF4/OX40 ligand/CD252 Protein

Catalog No.: RP02062 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	7292	P23510

Tags

N-His&Flag

Synonyms

CD134L;CD252;GP34;OX-40L;OX40L;TNLG2B;TXGP1;TNFSF4

Product Information

Source

HEK293 cells

Purification

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

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube 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

Background

Tumor necrosis factor ligand superfamily member 4 (TNFSF4) is also known as glycoprotein Gp34, OX40 ligand (OX40L), which belongs to the tumor necrosis factor family. It is expressed on such cells as DC2s (a subtype of dendritic cells) enabling amplification of Th2 cell differentiation.

Basic Information

Description

Recombinant Cynomolgus CD3E&CD3D Protein is produced by mammalian expression system. The target protein is expressed with sequence (Gln51-Leu183 Trimer) of human OX40L (Accession #P23510) fused with a 6xHis, Flag tag at the N-terminus.

Bio-Activity

Immobilized OX40L at 0.5 μg/mL (100 μL/well), dose response curve for OX40 protein, Fc tag with the EC₅₀ of 73.27 ng/mL determined by ELISA.

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

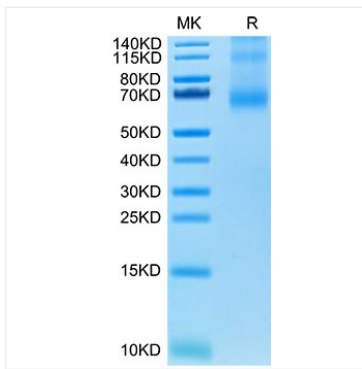
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

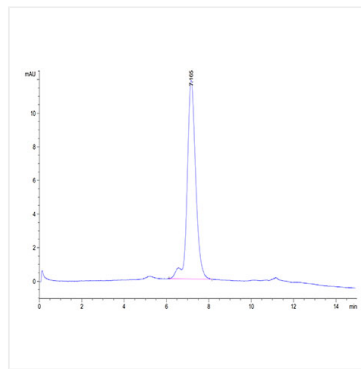
Avoid repeated freeze/thaw cycles.

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

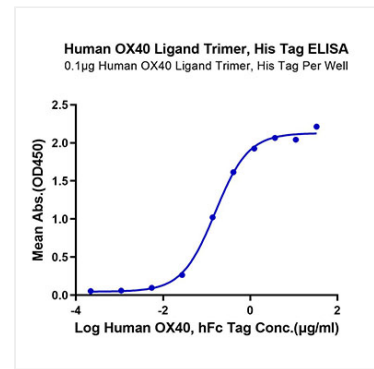
Validation Data



Recombinant Human TNFSF4/OX40 ligand/CD252 Protein was determined by Tris-Bis PAGE under reducing conditions.



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



Immobilized Human OX40 Ligand Trimer, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC₅₀ of 0.16µg/ml determined by ELISA.