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# 37-1301: Human OX-40L / TNFSF4 / CD252 Recombinant Protein (Fc Tag)(Discontinued)

**Reactivity :** Human
**Alternative Name :** CD134L Protein, CD252 Protein, GP34 Protein, OX-40L Protein, OX4OL Protein, TXGP1 Protein,

## Description

**Source : HEK293 Cells**
OX-4L, also known as TNFSF4 and CD252, is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. OX-4L is an important costimulatory molecule that plays a crucial role in the regulation of T-cell-mediated immunity. The interaction of TNFSF4-TNFSF4 is involved in the pathogenesis of multiple autoimmune and inflammatory diseases such as systemic lupus erythematosus (SLE), carotid artery disease and cancer. OX-4L is a ligand for receptor TNFRSF4/OX4. It is found to play a role in T cell antigen-presenting cell (APC) interactions. In surface Ig- and CD4-stimulated B cells, this cytokine along with CD7 has been shown to provide CD28-independent costimulatory signals to T cells. This protein and its receptor are reported to directly mediate adhesion of activated T cells to vascular endothelial cells. Cancer Immunotherapy Co-stimulatory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Targets Immunotherapy Targeted Therapy

## Product Info

| | |
|---|---|
| **Amount :** | 40L / TNFSF4 / CD252 Recombinant Protein (Fc Tag)(Discontinued) / 100 µg |
| **Purification :** | > 90 % as determined by SDS-PAGE. |
| **Content :** | Formulation Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Storage condition :** | Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Amino Acid :** | Gln51-Leu183 |

## Application Note

Measured by its binding ability in a functional ELISA.Immobilized recombinant Human TNFRSF4-His at 10 ÃÂµg/ml (100 ÃÂµL/well) can bind human S4-mFc3-TNFSF4 with a linear range of 1.28-20 ÃÂµg/ml.Endotoxin :< 1.0 EU per ÃÂµg protein as determined by the LAL method.

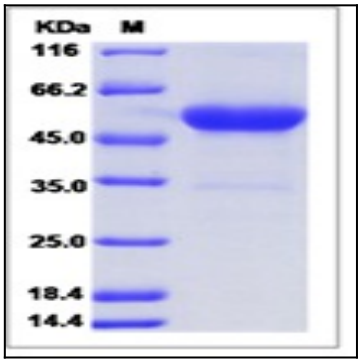



Fig 1: Human OX-40L / TNFSF4 / CD252 Recombinant Protein (Fc Tag)

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***

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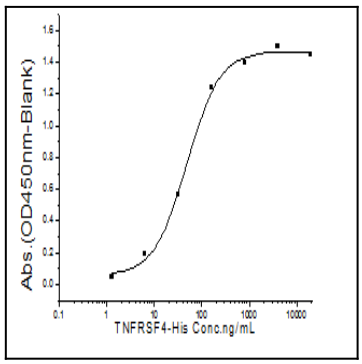



Fig 2: Human OX-40L / TNFSF4 / CD252 Recombinant Protein (Fc Tag) measured by its binding ability in a functional ELISA.

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