

# Recombinant Human TNFSF4/OX40L Protein (His Tag)

Catalog Number:PKSH032842



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

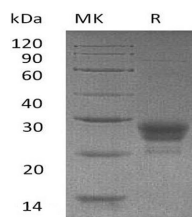
## Description

<b>Synonyms</b>	Tumor necrosis factor ligand superfamily member 4;Glycoprotein Gp34;OX40 ligand;OX40L;TAX transcriptionally-activated glycoprotein 1;TNFSF4;CD252;TXGP1;CD134L;CD252;GP34;OX-40;TXGP1
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Gln51-Leu183
<b>Accession</b>	P23510
<b>Calculated Molecular Weight</b>	16.3 kDa
<b>Observed molecular weight</b>	20-30 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Loaded Biotinylated Human OX40L-His on AR2G Biosensor, can bind Human OX40-Fc with an affinity constant of 70.3 nM as determined in BLI assay.

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Tumor necrosis factor ligand superfamily member 4(TNFSF4/OX40L) is a single-pass type II membrane protein.OX40L is expressed on the surface of activated B cells; T cells; dendritic cells and endothelial cells. OX40L binds to OX40 (CD134); a member of the TNF receptor superfamily that is expressed predominantly on activated CD4+ T cells. OX40-OX40L co-stimulates signal to promote the survival and proliferation of activated CD4+ T cells and prolong the

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immune response. It involved in T-cell proliferation and cytokine production. Additional; it has been found association with systemic lupus erythematosus; no association with occurrence of atherosclerosis.

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