

# Recombinant Mouse TNFSF4/OX40 ligand/CD252 Protein

Catalog No.: RP00713 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	22164	P43488

### Tags

N-His

### Synonyms

Tumor necrosis factor ligand superfamily member 4; TNFSF4; CD134 ligand; CD134L; CD252; CD252 antigen; OX40 antigen ligand; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; tumor necrosis factor (ligand) superfamily; member 4; Tnfsf4

## Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
17.7 kDa	20-23 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. 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 freeze-thaw cycles.

## Background

OX40 ligand (OX40L), also called CD252, is a single-pass type II membrane protein of the TNF/TNF receptors superfamily. OX40L is expressed by DCs, macrophages and B cells and signals via its cognate receptor OX40 which is mainly expressed on APCs. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells. OX40L - OX40 co-stimulation leads to activation of TNF receptor associated factor (TRAF) 2, 3 and 5. This pathway has been shown to prolong the survival of effector CD4<sup>+</sup> Th cells as well as contributes to generation of memory T cells.

## Basic Information

### Description

Recombinant Mouse TNFSF4/OX40 Ligand Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Ser51-Leu198) of mouse TNFSF4/OX40 Ligand (Accession #P43488) fused with an 8×His tag at the N-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

☎ | 400-999-6126

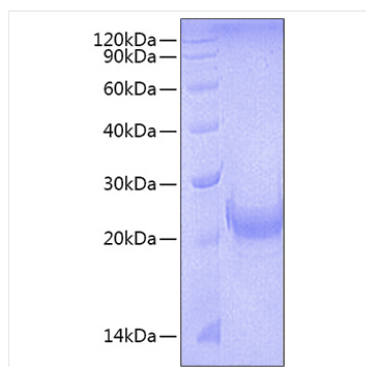
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## Validation Data

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Recombinant Mouse TNFSF4/OX40 ligand/CD252 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.