

Datasheet for ABIN7275394

**TNFSF4 Protein (AA 51-198) (Fc Tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TNFSF4
Protein Characteristics:	AA 51-198
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF4 protein is labelled with Fc Tag.

## Product Details

Purpose:	Mouse OX40 Ligand/TNFSF4 Protein
Sequence:	Ser51-Leu198
Characteristics:	Recombinant Mouse OX40 Ligand/TNFSF4 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Ser51-Leu198.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Mouse OX40 Ligand at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse OX40, His Tag with the EC50 3.59µg/ml determined by ELISA. See testing image for detail.

## Target Details

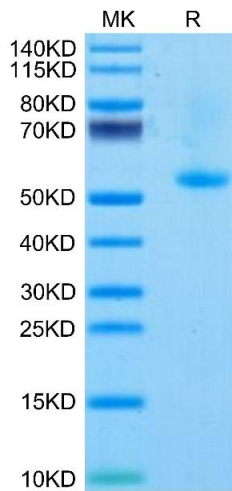
Target:	TNFSF4
Alternative Name:	OX-40 Ligand ( <a href="#">TNFSF4 Products</a> )
Background:	Tumor necrosis factor ligand superfamily member 4 (TNFSF4) is also known as glycoprotein Gp34, OX40 ligand (OX40L), which belongs to the tumor necrosis factor family. It is expressed on such cells as DC2s (a subtype of dendritic cells) enabling amplification of Th2 cell differentiation.
Molecular Weight:	42.6 kDa. Due to glycosylation, the protein migrates to 52-56 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P43488</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Activated T Cell Proliferation</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

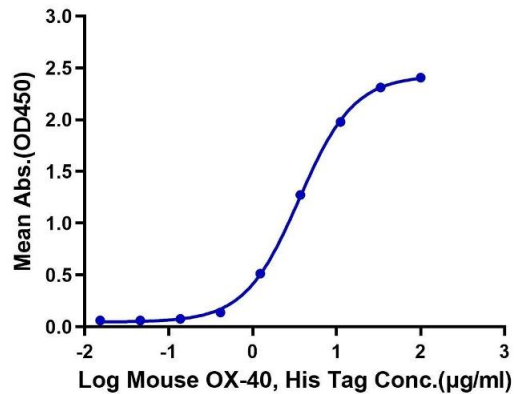
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Mouse OX40 Ligand on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

**Mouse OX-40 Ligand, hFc Tag ELISA**  
0.2µg Mouse OX-40 Ligand, hFc Tag Per Well



ELISA

**Image 2.** Immobilized Mouse OX40 Ligand at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Mouse OX40, His Tag with the EC50 3.59 µg/mL determined by ELISA.