

Datasheet for ABIN6961094  
**TNFSF4 Protein (mFc-His Tag)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	TNFSF4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF4 protein is labelled with mFc-His Tag.
Application:	Flow Cytometry (FACS)

## Product Details

Purpose:	Recombinant human OX40L protein with N-terminal mouse Fc and C-6xHis tag
Specificity:	MFc (Pro99-Lys330) OX40 Ligand (Gln51-Leu183) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	TNFSF4
Alternative Name:	OX40 Ligand ( <a href="#">TNFSF4 Products</a> )
Background:	Synonymes: OX40L, TNFSF4, CD252, Glycoprotein Gp34, TXGP1, CD134 ligand, CD134L

## Target Details

Description: This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.

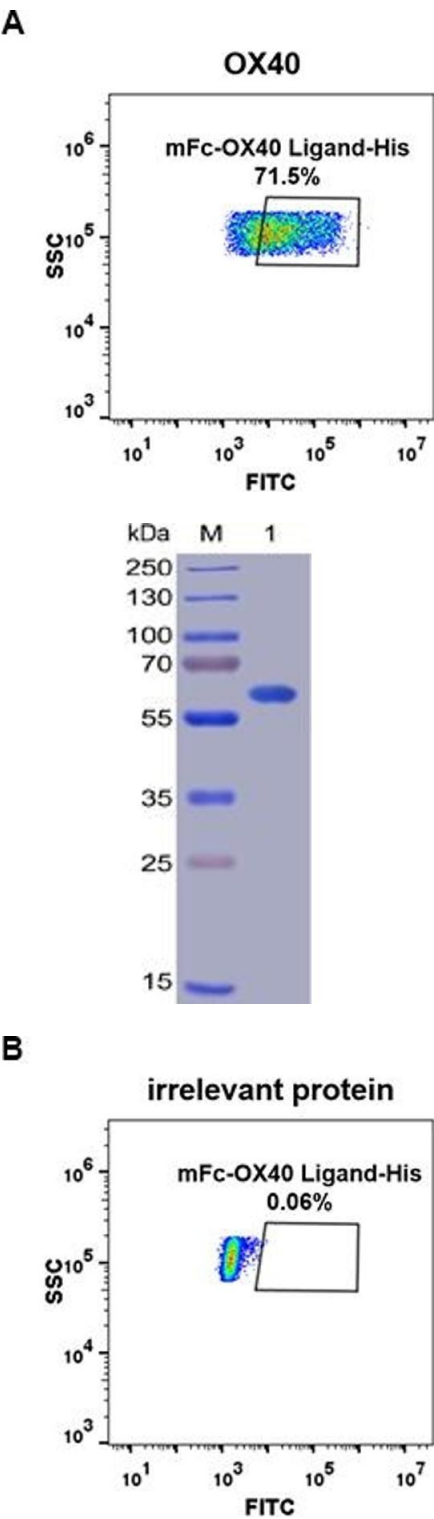
Molecular Weight:	predicted molecular mass of 44.0 kDa after removal of the signal peptide.
Gene ID:	7292
UniProt:	<a href="#">P23510</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation 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

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



**Flow Cytometry**

**Image 1.** HEK293 cell line transfected with irrelevant protein (B) and human OX40 (A) were surface stained with Human OX40 Ligand, mFc-His tagged protein (ABIN6961094) 10  $\mu$ g/mL followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.

**SDS-PAGE**

**Image 2.** Human OX40 Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.

**Flow Cytometry**

**Image 3.** HEK293 cell line transfected with irrelevant protein (B) and human OX40 (A) were surface stained with Human OX40 Ligand, mFc-His tagged protein (ABIN6961094) 10  $\mu$ g/mL followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.