

Datasheet for ABIN7275387

**TNFRSF4 Protein (AA 29-216) (Fc Tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TNFRSF4
Protein Characteristics:	AA 29-216
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF4 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human OX40/TNFRSF4/CD134 Protein
Sequence:	Leu29-Ala216
Characteristics:	Recombinant Human OX40 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu29-Ala216.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human OX40 Ligand (Trimer) , His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC50 of 0.27µg/ml determined by ELISA. See testing image for detail.

## Target Details

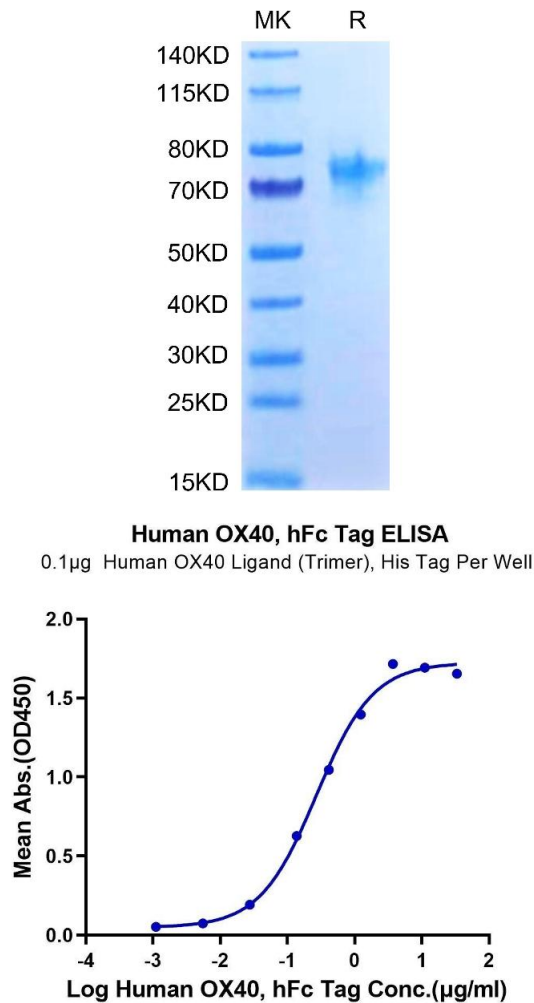
Target:	TNFRSF4
Alternative Name:	OX40 ( <a href="#">TNFRSF4 Products</a> )
Background:	Tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), also known as CD134 and OX40 receptor. OX40 is a secondary co-stimulatory immune checkpoint molecule, expressed after 24 to 72 hours following activation, its ligand, OX40L, is also not expressed on resting antigen presenting cells, but is following their activation.
Molecular Weight:	46.8 kDa. Due to glycosylation, the protein migrates to 70-78 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P43489</a>
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## 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.** Human OX40 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

**Image 2.** Immobilized Human OX40 Ligand (Trimer), His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC50 of 0.27 µg/mL determined by ELISA.