

Datasheet for ABIN7275393

TNFSF4 Protein (Trimer) (His-DYKDDDDK Tag)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	TNFSF4
Protein Characteristics:	Trimer
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF4 protein is labelled with His-DYKDDDDK Tag.

Product Details

Purpose:	Human OX40 Ligand/TNFSF4 Trimer Protein
Sequence:	Gln51-Leu183
Characteristics:	Recombinant Human OX40 Ligand/TNFSF4 Trimer Protein is expressed from HEK293 with His tag and Flag tag at the N-Terminus. It contains Gln51-Leu183.
Purity:	> 90 % 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 1 µg/ml (100 µl/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC50 of 0.16 µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	TNFSF4
Alternative Name:	OX40 Ligand (TNFSF4 Products)
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:	49.7 kDa. Due to glycosylation, the protein migrates to 65-140 kDa based on Tris-Bis PAGE result.
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation , Cancer Immune Checkpoints

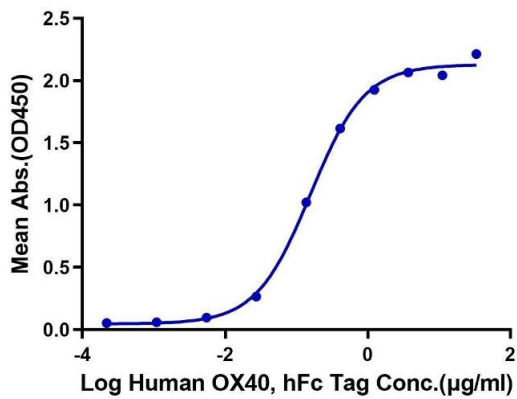
Application Details

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

Human OX40 Ligand Trimer, His Tag ELISA
0.1µg Human OX40 Ligand Trimer, His Tag Per Well

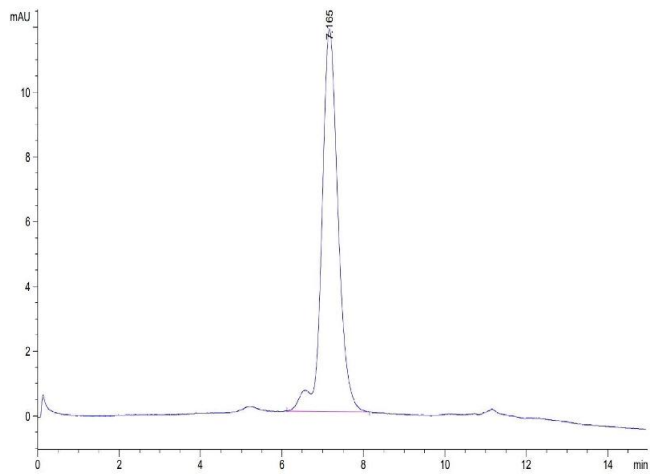


ELISA

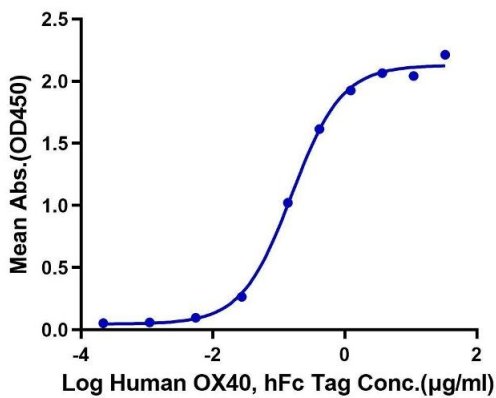
Image 1. Immobilized Human OX40 Ligand Trimer, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC50 of 0.16 µg/mL determined by ELISA.

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human OX40 Ligand Trimer is greater than 95 % as determined by SEC-HPLC.



Human Human OX40 Ligand Trimer, His Tag ELISA
0.1µg Human OX40L, His Tag Per Well



ELISA

Image 3. Immobilized Human OX40 Ligand, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC50 of 0.16 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275393.