

Datasheet for ABIN2181573

**TNFRSF4 Protein (AA 29-216) (Fc Tag)**

3 Images

1 Publication

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## Overview

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

## Product Details

Sequence:	AA 29-216
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 46.8 kDa. The protein migrates as 65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>90 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	TNFRSF4
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## Target Details

Alternative Name:	OX40 ( <a href="#">TNFRSF4 Products</a> )
Background:	Tumor necrosis factor receptor superfamily member 4 (TNFRSF4) is also known as ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD antigen CD134, OX40. OX40 / TNFRSF4 contains four TNFR-Cys repeats. TNFRSF4 is receptor for TNFSF4 / OX40L / GP34 and can interact with TRAF2, TRAF3 and TRAF5.
Molecular Weight:	46.8 kDa
NCBI Accession:	<a href="#">NP_003318</a>
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

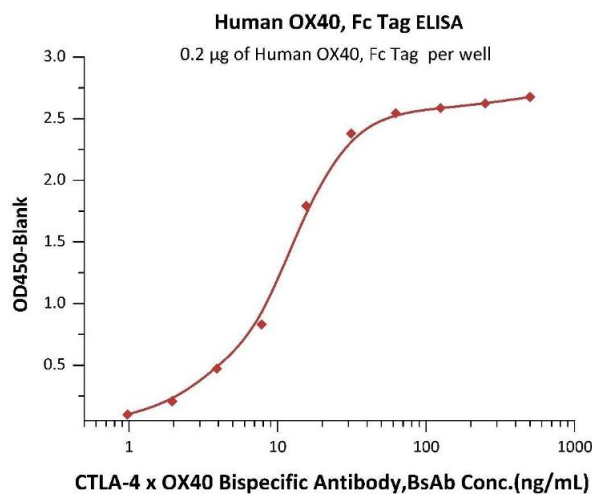
Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

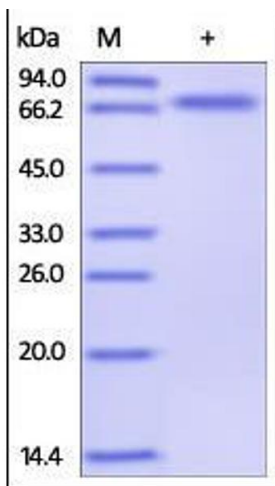
## Publications

Product cited in:	Mettler Izquierdo, Varela, Park, Collarini, Lu, Pramanick, Rucker, Lopalco, Etches, Harriman: "High-efficiency antibody discovery achieved with multiplexed microscopy." in: <b>Microscopy (Oxford, England)</b> , Vol. 65, Issue 4, pp. 341-52, (2018) ( <a href="#">PubMed</a> ).
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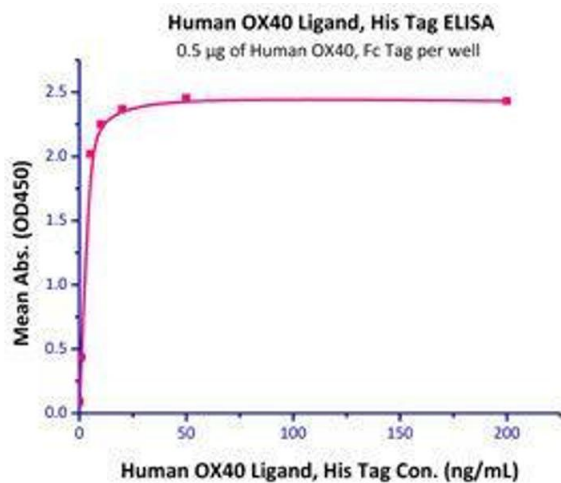
### ELISA

**Image 1.** Quantitative Analysis of CTLA-4 x OX40 Bispecific Antibody in Human Serum by Intact Assay. Immobilized Human OX40, Fc Tag (ABIN2181574, ABIN2181573) at 2 µg/mL, add increasing concentrations of CTLA-4 x OX40 Bispecific Antibody in 50 % Human serum and then add Biotinylated Human CTLA-4, Fc, Avitag (ABIN2870534, ABIN2870535) at 0.2 µg/mL. Detection was performed using gated streptavidin with sensitivity of 2 ng/mL (Intact assay, Routinely tested).



### SDS-PAGE

**Image 2.** Human OX40, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.



### Binding Studies

**Image 3.** Immobilized Human OX40 Ligand, His Tag (Cat# OXL-H52Q8) at 5 µg/mL (100 µl/well) can bind Human OX40, Fc Tag (Cat# OX0-H5255) with a linear range of 0.2-5 ng/mL.