

Datasheet for ABIN2181571

**TNFRSF4 Protein (AA 29-216) (His tag)**

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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 His tag.

## Product Details

Sequence:	AA 29-216
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 22 kDa. The protein migrates as 40-45 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:	22.0 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

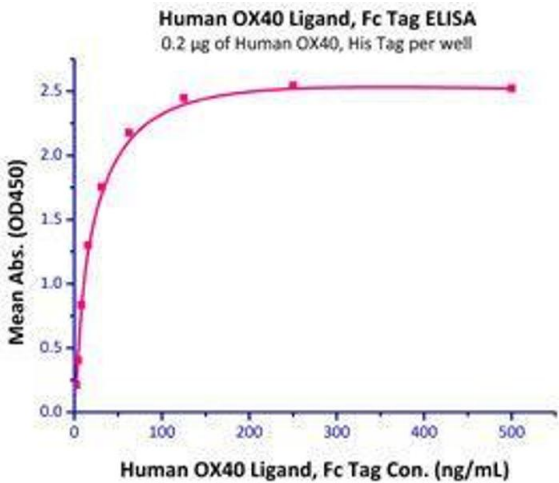
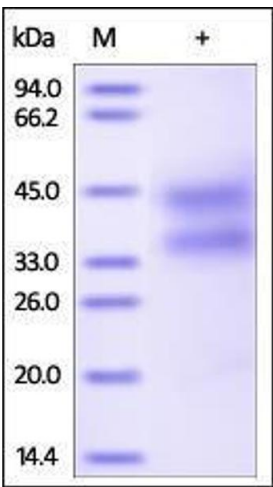
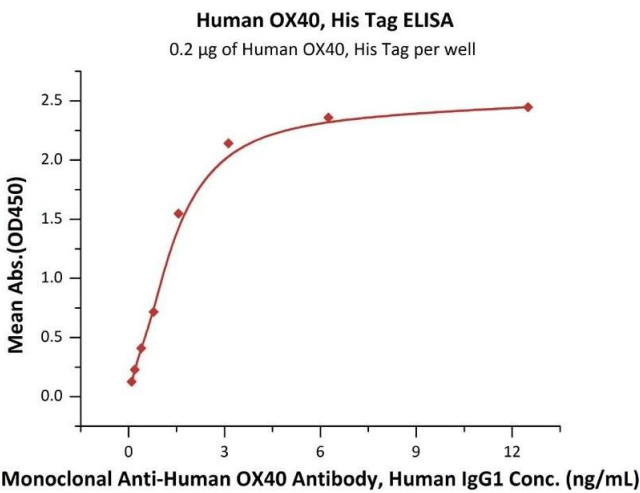
Restrictions:	For Research Use only
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## Handling

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:	de Guzman, Rabbany: "PEG-Immobilized Keratin for Protein Drug Sequestration and pH-Mediated Delivery." in: <b>Journal of drug delivery</b> , Vol. 2016, pp. 7843951, (2016) ( <a href="#">PubMed</a> ).
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### ELISA

**Image 1.** Immobilized Human OX40, His Tag (ABIN2181572,ABIN2181571) at 2 µg/mL (100 µL/well) can bind Monoclonal A OX40 Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL (Routinely tested).

### SDS-PAGE

**Image 2.** Human OX40, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 92%.

### Binding Studies

**Image 3.** Immobilized Human OX40, His Tag (Cat# OX0-H5224) at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag (Cat# OXL-H526x ) with a linear range of 2-15 ng/mL.