

Datasheet for ABIN7275392

**TNFRSF4 Protein (AA 20-211) (His-Avi Tag,Biotin)**[Go to Product page](#)**3** Images

## Overview

Quantity:	100 µg
Target:	TNFRSF4
Protein Characteristics:	AA 20-211
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF4 protein is labelled with His-Avi Tag,Biotin.

## Product Details

Purpose:	Biotinylated Mouse OX40/TNFRSF4/CD134 Protein
Sequence:	Val20-Pro211
Characteristics:	Recombinant Biotinylated Mouse OX40/TNFRSF4/CD134 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Val20-Pro211.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Mouse OX40 Ligand, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Mouse OX40, His Tag with the EC50 of 4.3µg/ml determined by ELISA. See testing image for detail.

## Target Details

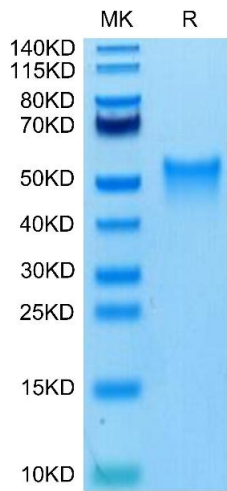
Target:	TNFRSF4
Alternative Name:	OX40 ( <a href="#">TNFRSF4 Products</a> )
Background:	Tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), also known as CD134 and OX40 receptor. OX40 is a secondary co-stimulatory immune checkpoint molecule, expressed after 24 to 72 hours following activation, its ligand, OX40L, is also not expressed on resting antigen presenting cells, but is following their activation.
Molecular Weight:	24.2 kDa. Due to glycosylation, the protein migrates to 48-55 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P47741</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

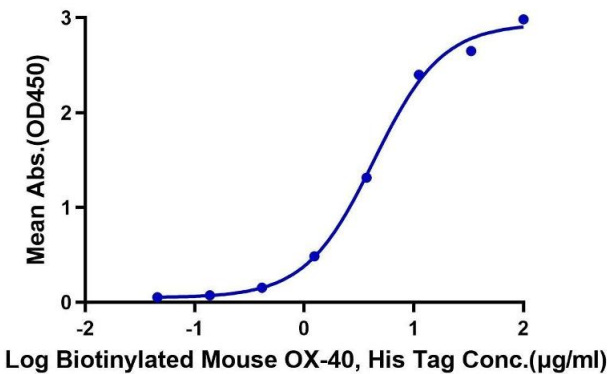
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant 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

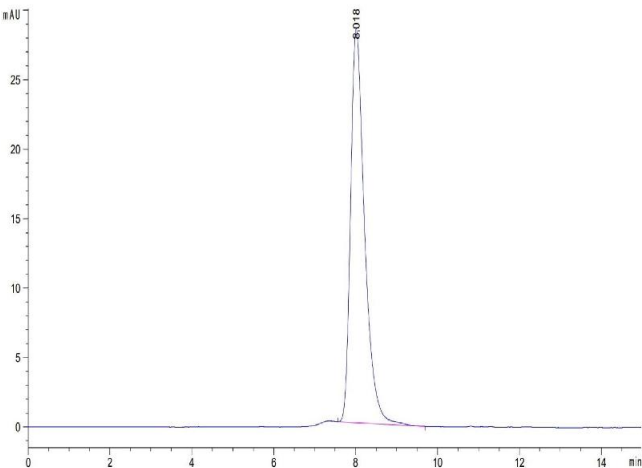
**Image 1.** Biotinylated Mouse OX40 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

**Biotinylated Mouse OX-40, His Tag ELISA**  
0.2µg Mouse OX-40 Ligand, hFc Tag Per Well



ELISA

**Image 2.** Immobilized Mouse OX40 Ligand, hFc Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Mouse OX40, His Tag with the EC50 of 4.3 µg/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 3.** The purity of Biotinylated Mouse OX40 is greater than 95 % as determined by SEC-HPLC.