

Datasheet for ABIN7275391

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

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.

Product Details

Purpose:	Mouse OX40/TNFRSF4/CD134 Protein
Sequence:	Val20-Pro211
Characteristics:	Recombinant 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, > 92 % 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 OX-40 Ligand, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse OX-40, His Tag with the EC50 3.59µg/ml determined by ELISA. See testing image for detail.

Target Details

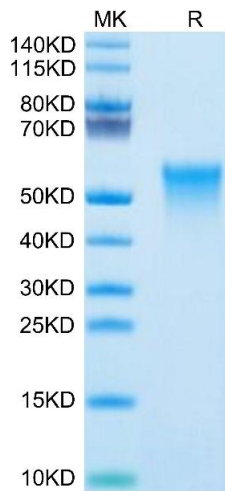
Target:	TNFRSF4
Alternative Name:	OX40 (TNFRSF4 Products)
Background:	Tumor necrosis factor receptor superfamily, member 4 (TNFRSF4), also known as CD134 and OX40 receptor. OX40 is a secondary co-stimulatory immune checkpoint molecule, expressed after 24 to 72 hours following activation, its ligand, 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 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	P47741
Pathways:	Production of Molecular Mediator of Immune Response , 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

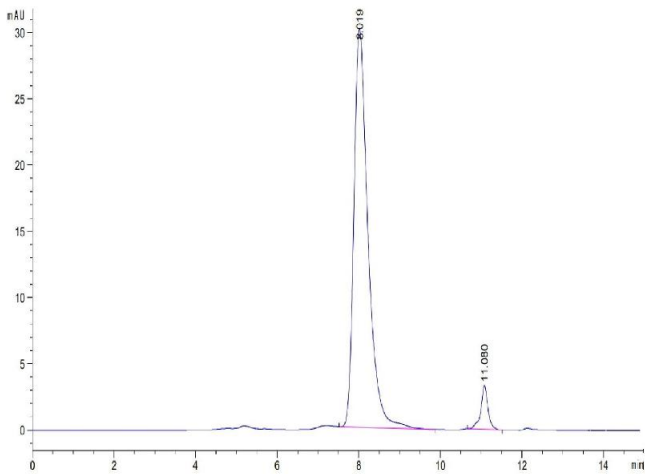


SDS-PAGE

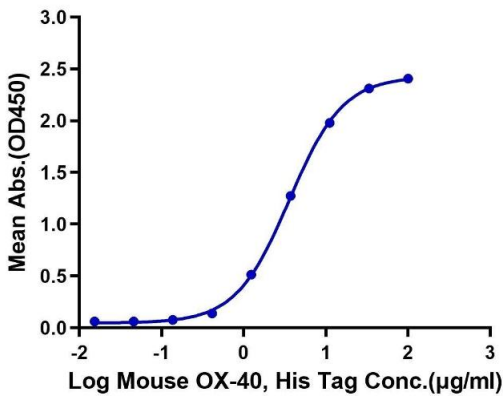
Image 1. Mouse OX40/TNFRSF4/CD134 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse OX40/TNFRSF4/CD134 Protein is greater than 92 % as determined by SEC-HPLC.



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



ELISA

Image 3. Immobilized Mouse OX-40 Ligand, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Mouse OX-40, His Tag with the EC50 3.59 µg/mL determined by ELISA.