



Datasheet for ABIN7274680

TNFSF15 Protein (Trimer) (His-DYKDDDDK Tag)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	TNFSF15
Protein Characteristics:	Trimer
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF15 protein is labelled with His-DYKDDDDK Tag.

Product Details

Sequence:	Asp91-Leu251
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 Human TNFSF15 Trimer, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-TNFSF15 Antibody, hFc Tag with the EC50 of 18.7ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	TNFSF15
Alternative Name:	TNFSF15 (TNFSF15 Products)

Target Details

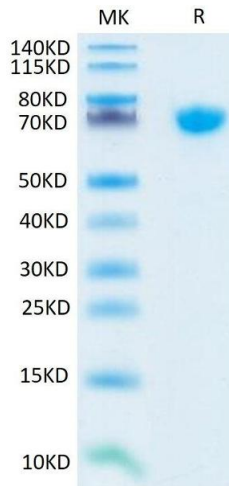
Background:	TL1A, VEGI-251, TNFSF15, TL1, VEGI, VEGI192A, TNF superfamily member 15 (TNFSF15), a cytokine largely produced by vascular endothelial cells and a specific inhibitor of the proliferation of these same cells, can inhibit VEGF-induced vascular permeability in vitro and in vivo, and that death receptor 3 (DR3), a cell surface receptor of TNFSF15, mediates TNFSF15-induced dephosphorylation of VEGFR2.
Molecular Weight:	58.2 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.
UniProt:	O95150
Pathways:	Positive Regulation of Endopeptidase Activity, Autophagy

Application Details

Restrictions:	For Research Use only
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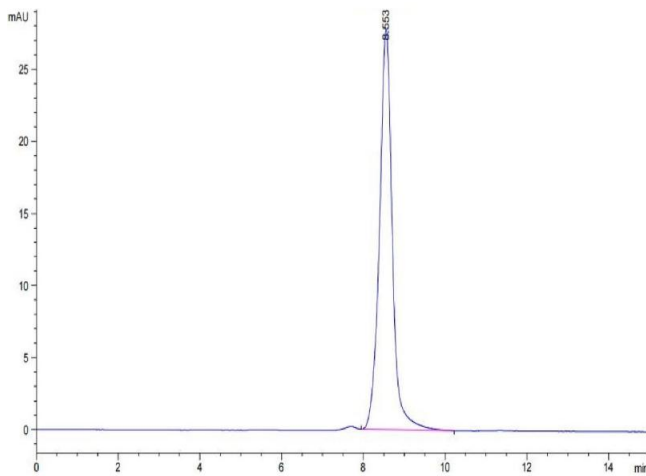
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). 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:	4 °C, -80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

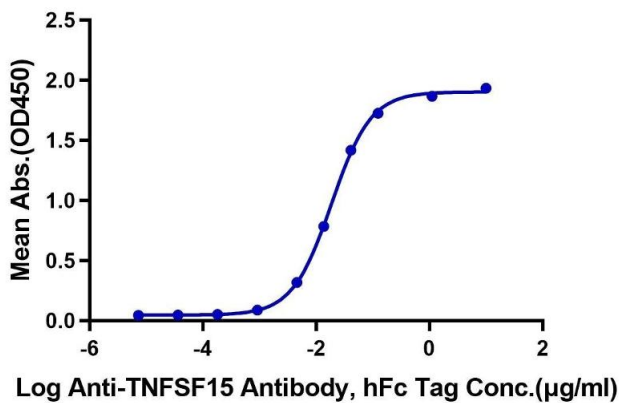
Image 1. Human TNFSF15 Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human TNFSF15 Trimer is greater than 95 % as determined by SEC-HPLC.

Human TNFSF15 Trimer, His Tag ELISA
0.05µg Human TNFSF15, His Tag Per Well



ELISA

Image 3. Immobilized Human TNFSF15 Trimer, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-TNFSF15 Antibody, hFc Tag with the EC50 of 18.7 ng/mL determined by ELISA.