

Datasheet for ABIN7274156

**TNFSF8 Protein (AA 63-234) (mFc Tag)****4** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TNFSF8
Protein Characteristics:	AA 63-234
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF8 protein is labelled with mFc Tag.

## Product Details

Purpose:	Human CD30 Ligand/TNFSF8 Protein
Sequence:	Gln63-Asp234
Characteristics:	Recombinant Human CD30 Ligand/TNFSF8 Protein is expressed from HEK293 with mFc (IgG2a) tag at the N-Terminus. It contains Gln63-Asp234.
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 CD30, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Human CD30 Ligand, mFc (IgG2a) Tag with the EC50 of 31.9ng/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	TNFSF8
Alternative Name:	CD30 Ligand ( <a href="#">TNFSF8 Products</a> )
Background:	CD30 ligand (CD30L)/TNFSF8 is a type II membrane protein belonging to the TNF superfamily. CD30L is expressed on the cell surface of activated T cells, B cells, and monocytes. The protein is also constitutively expressed on granulocytes and medullary thymic epithelial cells. CD30L is a cytokine that binds to TNFRSF8/CD30. Induces proliferation of T-cells.
Molecular Weight:	46.2 kDa. Due to glycosylation, the protein migrates to 62-68 kDa based on Tris-Bis PAGE result.

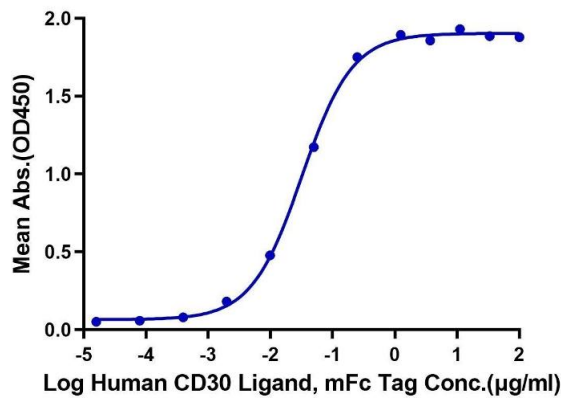
## Application Details

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

**Human CD30 Ligand, mFc Tag ELISA**  
0.02µg Human CD30, His Tag Per Well

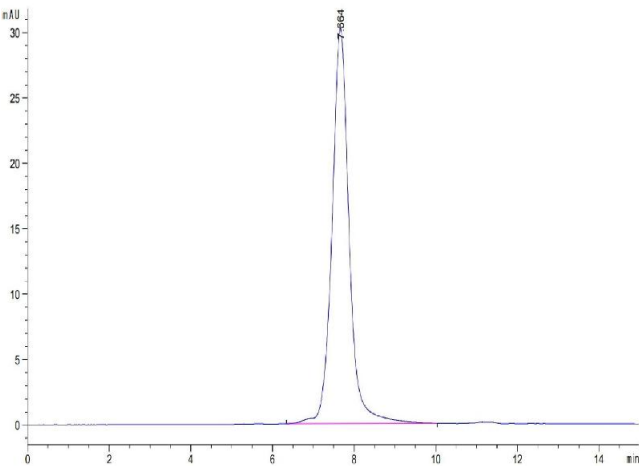


**ELISA**

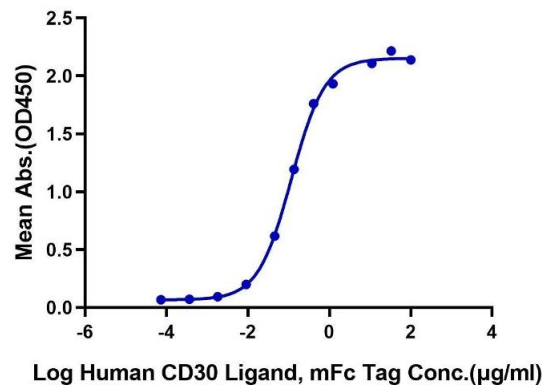
**Image 1.** Immobilized Human CD30, His Tag at 0.2 µg/mL (100 µL/well) on the plate. Dose response curve for Human CD30 Ligand, mFc (IgG2a) Tag with the EC50 of 31.9 ng/mL determined by ELISA.

**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Human CD30 Ligand/TNFSF8 is greater than 95 % as determined by SEC-HPLC.



**Human CD30 Ligand, mFc Tag ELISA**  
0.1µg Human CD30, hFc Tag Per Well



**ELISA**

**Image 3.** Immobilized Human CD30, hFc Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD30 Ligand, mFc Tag with the EC50 of 0.12 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274156.