

Datasheet for ABIN7274148

TNFRSF8 Protein (AA 19-379) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF8
Protein Characteristics:	AA 19-379
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF8 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CD30/TNFRSF8 Protein
Sequence:	Phe19-Lys379
Characteristics:	Recombinant Human CD30/TNFRSF8 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Phe19-Lys379.
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, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human CD30 Ligand, mFc Tag with the EC50 of 0.12µg/ml determined by ELISA. See testing image for detail.

Target Details

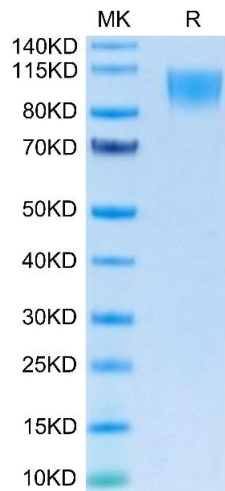
Target:	TNFRSF8
Alternative Name:	CD30 (TNFRSF8 Products)
Background:	The transmembrane receptor CD30 (TNFRSF8) and its ligand CD30L (CD153, TNFSF8) are members of the tumor necrosis factor (TNF) superfamily and display restricted expression in subpopulations of activated T-and B-cells in nonpathologic conditions. CD30 expression is upregulated in various hematological malignancies, including Reed-Sternberg cells in Hodgkin's disease (HD), anaplastic large cell lymphoma (ALCL) and subsets of Non-Hodgkin's lymphomas (NHLs).
Molecular Weight:	65.2 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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Handling

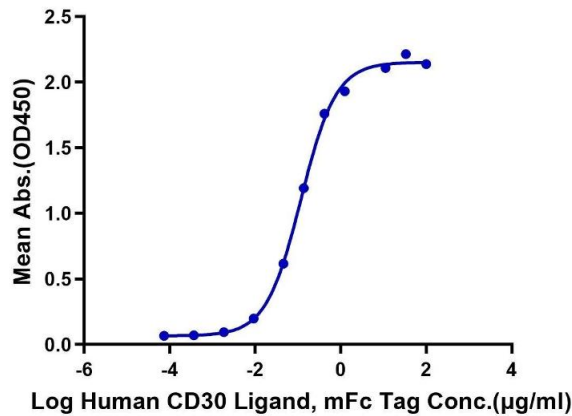
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant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



SDS-PAGE

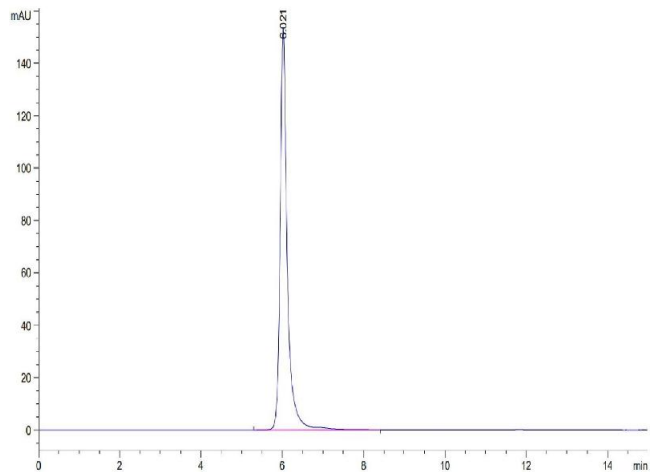
Image 1. Human CD30 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Human CD30, hFc Tag ELISA
0.1µg Human CD30, hFc Tag Per Well



ELISA

Image 2. 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.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human CD30 is greater than 95 % as determined by SEC-HPLC.