

Datasheet for ABIN6961111
TNFSF8 Protein (mFc-His Tag)

2 Images

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Overview

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

Product Details

Purpose:	Recombinant human CD30 Ligand Protein with N-terminal mouse Fc and C-terminal 6xHis tag
Specificity:	MFc (Pro99-Lys330) CD30 Ligand (Gln63-Asp234) 6xHis
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TNFSF8
Alternative Name:	CD30 Ligand (TNFSF8 Products)
Background:	Synonymes: CD30-L,CD153,TNFSF8,CD30L,CD30LG,CD153 antigen,CD30 antigen ligand,CD30

Target Details

Ligand

Description: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: predicted molecular mass of 48.0 kDa after removal of the signal peptide. The apparent molecular mass of mFc-CD30 Ligand-His is 53-70 kDa due to glycosylation.

Gene ID: 944

UniProt: [P32971](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

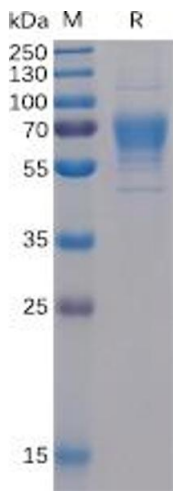
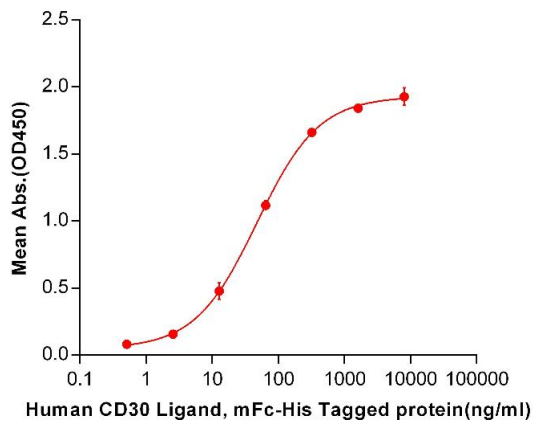
Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human CD30 Ligand, mFc-His Tagged protein ELISA
0.2 µg of CD30, His Tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD30, His tagged protein (ABIN6961166) can bind Human CD30 Ligand, mFc-His tagged protein (ABIN6961111) in a linear range of 2.56-320 ng/mL.

SDS-PAGE

Image 2. Human CD30 Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.