

Datasheet for ABIN6961166
TNFRSF8 Protein (His tag)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF8
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF8 protein is labelled with His tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human CD30 protein with C-terminal 6xHis tag
Specificity:	CD30 (Phe19-Lys379) 6xHis tag
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:	TNFRSF8
Alternative Name:	CD30 (TNFRSF8 Products)
Background:	Synonyms: TNFRSF8,CD30,D1S166E,Ki-1

Target Details

Description: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Molecular Weight: predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of CD30-His is 55-70 kDa due to glycosylation.

Gene ID: 943

UniProt: [P28908](#)

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

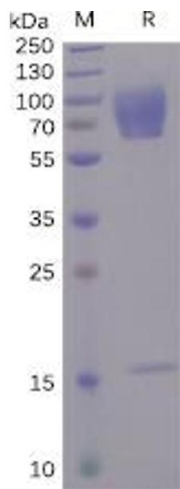
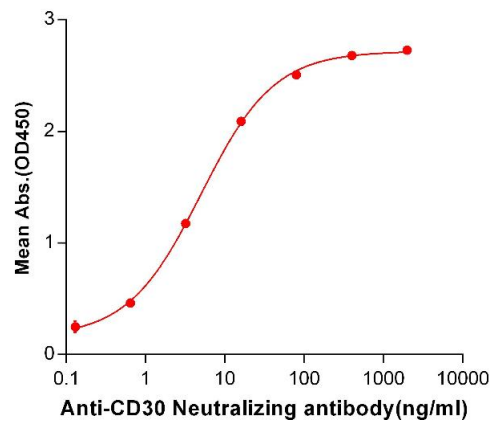
Storage: -20 °C, -80 °C

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

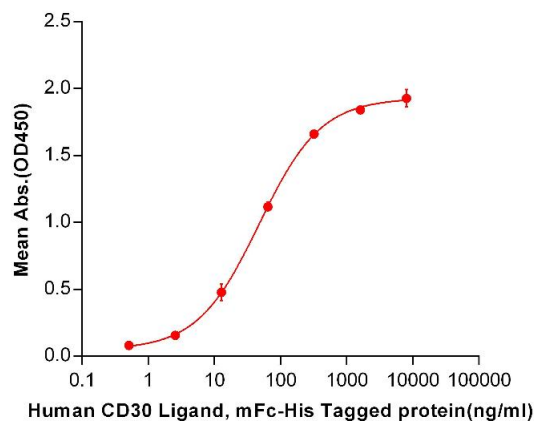
Human CD30, His Tagged protein ELISA

0.2 µg of CD30, His Tagged protein per well



Human CD30, 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 Anti-CD30 Neutralizing antibody in a linear range of 0.13-80.0 ng/mL.

SDS-PAGE

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

ELISA

Image 3. 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.