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32-17093: Recombinant human CD30 protein with C-terminal 6Ã—His tag

Alternative Name : TNFRSF8,CD30,D1S166E,Ki-1

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of CD30-His is approximately 55-70 kDa due to glycosylation.
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.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

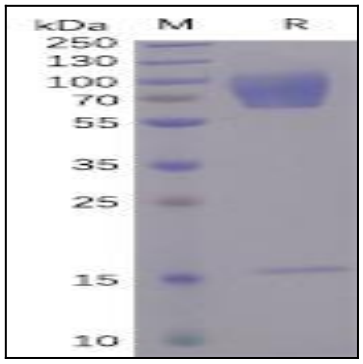


Figure 1. Human CD30 Protein, His Tag on SDS-PAGE under reducing condition.

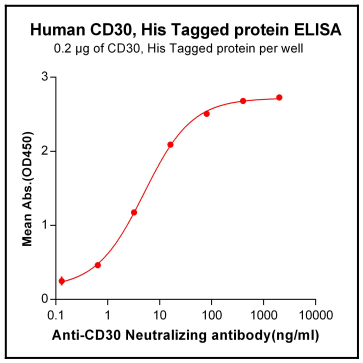


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30, His tagged protein can bind Anti-CD30 Neutralizing antibody in a linear range of 0.13-80.0 ng/ml.

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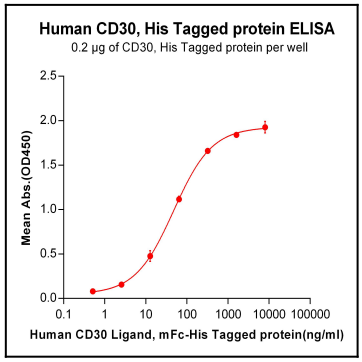


Figure 3. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human CD30, His tagged protein can bind Human CD30 Ligand,mFc-His tagged protein in a linear range of 2.56-320 ng/ml.

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