

Rev03  
 Update: Aug,08,2025

**DATASHEET**

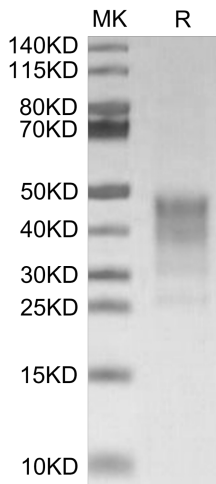
# CD30 Ligand/TNFSF8, His, Human

Cat. No.: Z04185

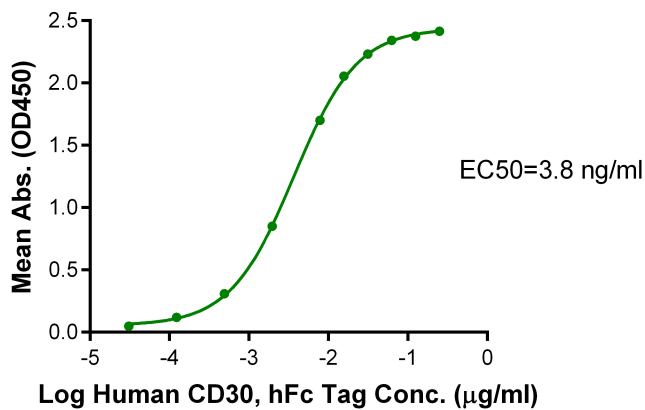
## Product Introduction

<b>Species</b>	Human
<b>Protein Construction</b>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #4a7ebb; color: white; padding: 5px; margin-right: 10px;">His</div> <div style="background-color: #0056b3; color: white; padding: 5px; border: 1px solid white;">           CD30 Ligand/TNFSF8 (Gln63-Asp234)            Accession # P32971         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>N-term</span> <span>C-term</span> </div>
<b>Purity</b>	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized CD30 Ligand/TNFSF8, His, Human at 5µg/ml (100µl/well) on the plate can bind Human CD30, hFc Tag. Test result was comparable to standard batch.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	20.7 kDa
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 30-50 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

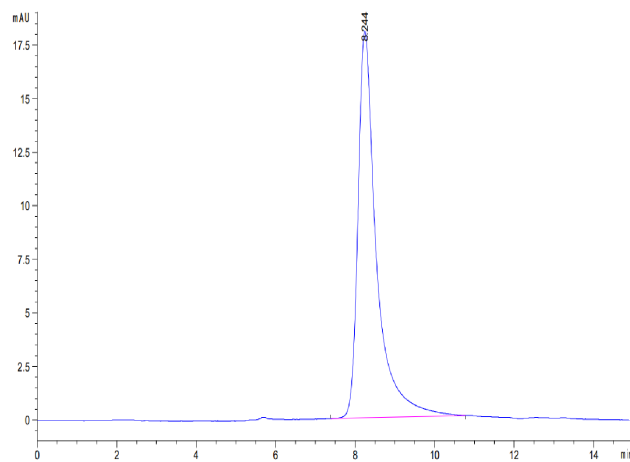
## Examples



CD30 Ligand/TNFSF8, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized CD30 Ligand/TNFSF8, His, Human, His Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Human CD30, hFc Tag with the EC50 of 3.8 ng/ml determined by ELISA.



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

## Background

**Target 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.

**Synonyms :** CD153; CD30 Ligand; CD30L; CD30-L; CD30LGMGC138144; TNFSF8; CD30LG

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

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