Human CD30/TNFRSF8 Protein

Cat. No. CD3-HM230

Description

Source	Recombinant Human CD30/TNFRSF8 Protein is expressed from Expi293 with hFc tag at the C-terminal.
	It contains Phe19-Lys379.
Accession	P28908-1
Molecular Weight	The protein has a predicted MW of 65.2 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

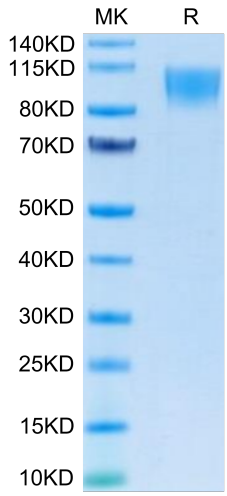
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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).

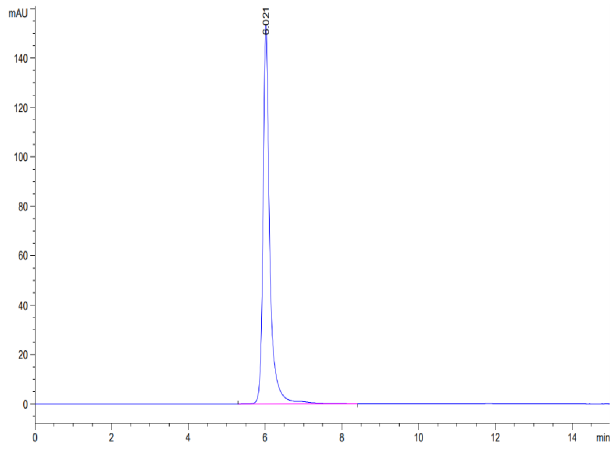
Assay Data

Tris-Bis PAGE



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

SEC-HPLC



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

ELISA Data

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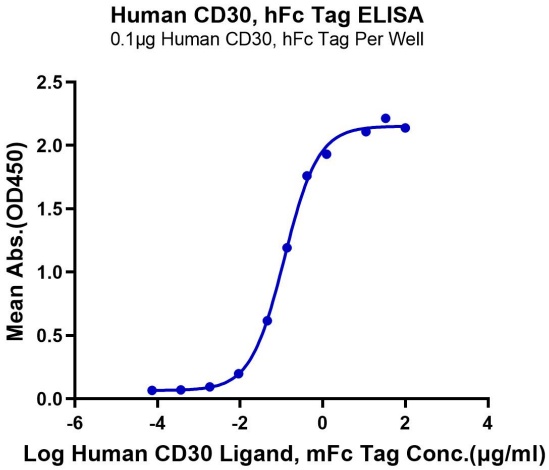
Assay Data



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.